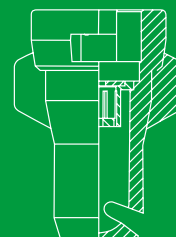
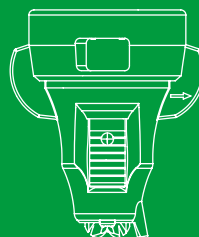
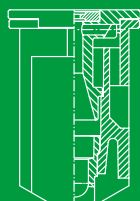




UGELLI PER AGRICOLTURA



Europe's no. 1 in spray technology

WELCOME TO LECHLER

L'agricoltura che tutti noi vogliamo deve essere **sostenibile**, produrre cibi sempre più sani ed a basso impatto ambientale.

L'esigenza di un mondo agrario più pulito, e l'aumento costante del costo dei prodotti fitosanitari, impongono l'utilizzo di **tecnologie sempre più evolute**, che permettano trattamenti mirati, efficaci e senza consumi.

Per questo motivo, possiamo dire che la moderna protezione delle colture è una questione di **precisione**.

Gli ugelli Lechler, ditta leader mondiale nel settore dal 1879, consentono un dosaggio esatto, una copertura uniforme e soprattutto evitano deriva, gocciolamento o evaporazione.

Ogni ugello Lechler contiene oltre 140 anni di storia aziendale ed è realizzato con le più avanzate strumentazioni produttive, in costante collaborazione con i più importanti centri di ricerca e certificazione a livello Europeo, come ad esempio il Julius Kühn Institut.

In conclusione, la tecnologia Lechler garantisce **costi inferiori e rendimenti più elevati**, massimizzando gli effetti positivi della protezione delle colture.

Per tutte queste ragioni, Comet Spa ha scelto Lechler GmbH come partner strategico, decidendo di distribuirne gli ugelli agricoltura nel mercato Italiano, come Official Dealer.



PRODOTTI

GAMMA DI PRODOTTI		MODELLO	SPRAY PATTERN		CARATTERISTICHE	DIMENSIONI	ANGOLO	MATERIALE	APPLICAZIONI	RIDUZIONE DERIVA	PRESSIONE (bar)
 ugelli per barra irrorante		ST-110	singolo	ventaglio		compatto	110°	POM	pieno campo		1,5 - 5,0
		ST-110-C	singolo	ventaglio		compatto	110°	CERAMICA	pieno campo		1,5 - 5,0
		ID3-120	singolo	ventaglio	iniezione aria		120°	POM	pieno campo	● ●	4,0 - 8,0
		ID3-120-C	singolo	ventaglio	iniezione aria		120°	CERAMICA	pieno campo - frutta	● ●	4,0 - 8,0
		IDK-120	singolo	ventaglio	iniezione aria	compatto	120°	POM	pieno campo	●	1,5 - 3,0
		IDK-120-C	singolo	ventaglio	iniezione aria	compatto	120°	CERAMICA	pieno campo	●	1,5 - 8,0
		IDKT-120	doppio	ventaglio	iniezione aria	compatto	120°	POM	pieno campo	●	1,5 - 3,0
		IDKT-120-C	doppio	ventaglio	iniezione aria	compatto	120°	CERAMICA	pieno campo	●	1,5 - 3,0
		IDKS-80	singolo	vent. asim.	iniezione aria	compatto	80°	POM	pieno campo	●	1,5 - 3,0
	 ugelli per atomizzatore		ITR-80-C	singolo	cono pieno	iniezione aria		80°	CERAMICA	vigna - uliv. - frutta	● ●
		TR-60-C / TR-80-C	singolo	cono cavo		60° - 80°	CERAMICA	vigna - uliv. - frutta		3,0 - 8,0	
		IDKT-90-C	singolo	ventaglio	iniezione aria	compatto	90°	CERAMICA	vigna - uliv. - frutta	●	1,5 - 8,0
 ugelli per fertilizzante liquido		FD	singolo	specchio			130°	POM	fertilizzante liquido	● ● ●	1,5 - 4,0
		FS	multipl	orifizio				POM	fertilizzante liquido	● ● ●	1,0 - 4,0
 ugelli per diserbo localizzato		FT-140	singolo	specchio			140°	POM	lancia - pompa a sp.		1,0 - 3,0

● = buona ● ● = alta ● ● ● = estrema

Scelta dell'ugello:

La selezione avviene sulla base dei seguenti parametri:

V = portata totale ugello (l/min)

M = litri per ettaro (l/ha)

vF = velocità macchina (km/h)

A = distanza ugelli (m)

B = distanza interfilare (m)



ugelli per barra irrorante

A - Irroratori a barra (boom sprayers)

Calcolo portata ugello V (l/min)

$$\dot{V} = \frac{1}{600} \times M \times A \times v_F$$

Esempio:

A = 1 m, vF = 6 km/h, M = 400 l/ha

$$\dot{V} = \frac{400 \times 1 \times 6}{600} = 4 \text{ l/min}$$

Calcolo litri per ettaro M (l/ha)

$$M = \frac{600 \times \dot{V}}{A \times v_F}$$



ugelli per atomizzatore

B - Atomizzatori (orchard sprayers)

Calcolo portata ugello V (l/min)

$$\dot{V} = \frac{M \times v_F \times B}{600}$$

Identificazione degli ugelli Lechler

Gli ugelli Lechler sono codificati secondo la norma ISO10625. Le caratteristiche degli ugelli Lechler sono indicate nel rispetto degli standar internazionali e contengono le seguenti informazioni:



Altri prodotti

Nella gamma Lechler sono disponibili molti altri ugelli, sia per il trattamento delle colture che per la pulizia dei serbatoi.

Vi invitiamo a contattare Comet Spa per ulteriori informazioni al riguardo.



Curiosità

Le app per gli ugelli agricoli Lechler rendono ancora più semplice la selezione e l'utilizzo dell'ugello ottimale. Scopri di più qui: www.lechler.com/de-en/service/apps



App calcolatrice ugelli



Strategia di applicazione:

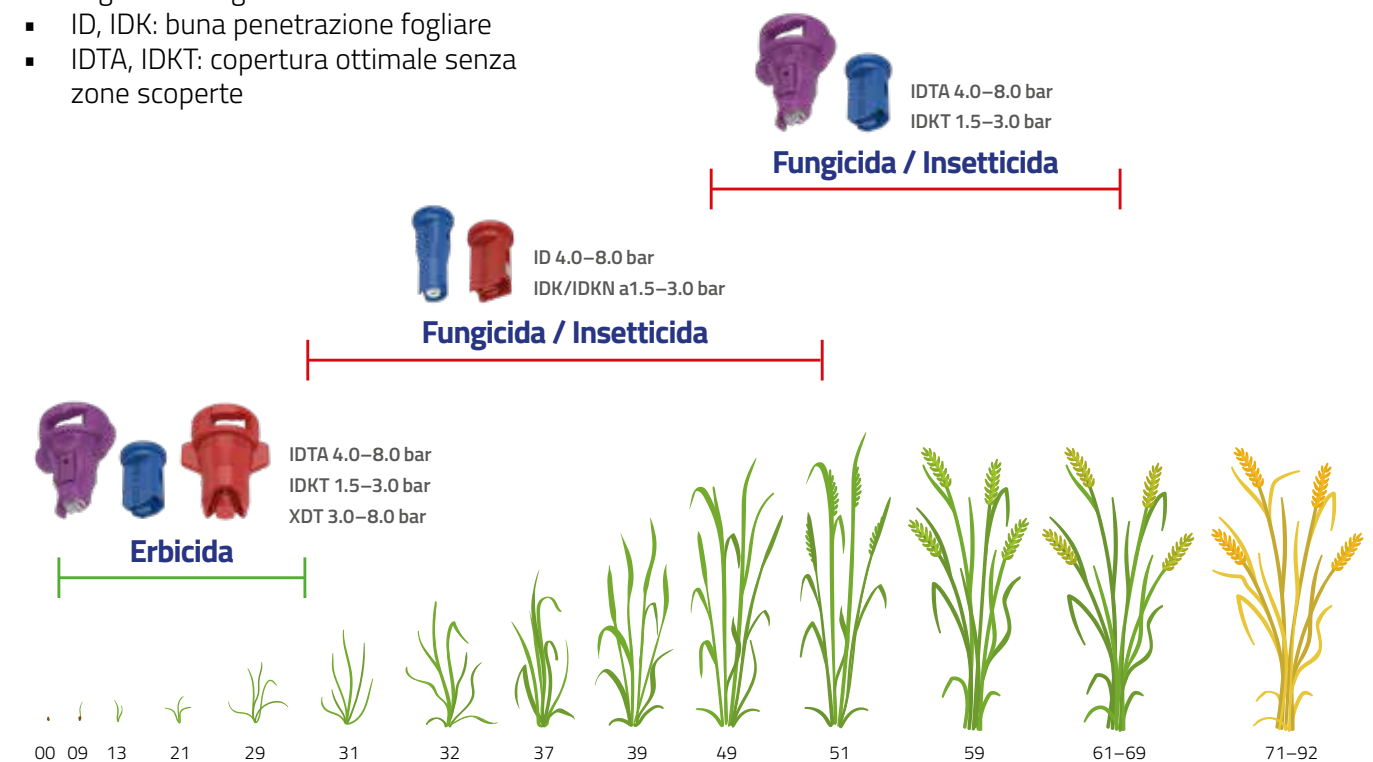
Cereali

Applicazione pesticidi

Strategia a due ugelli

- ID, IDK: buona penetrazione fogliare
- IDTA, IDKT: copertura ottimale senza zone scoperte

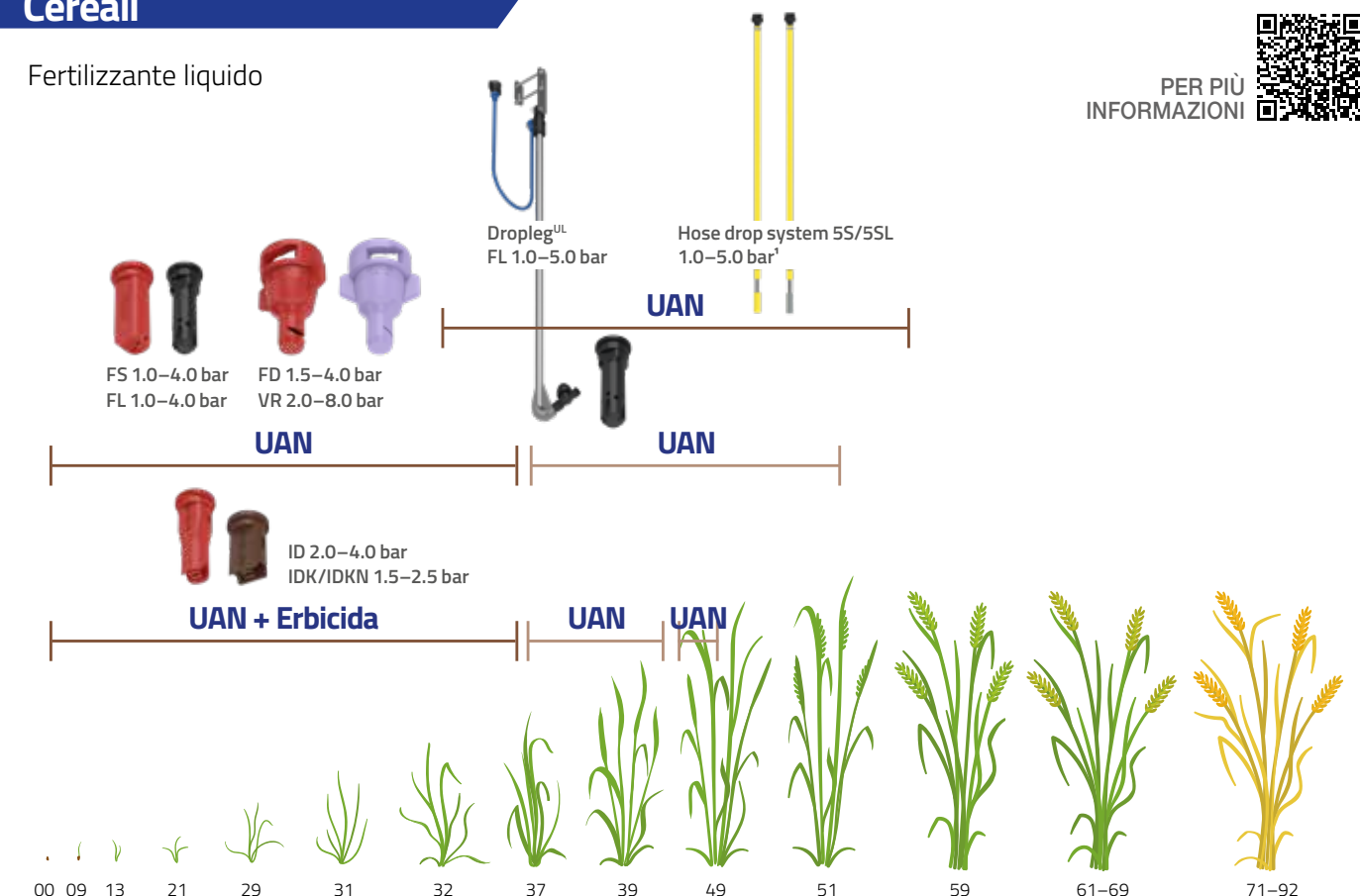
PER PIÙ INFORMAZIONI



Cereali

Fertilizzante liquido

PER PIÙ INFORMAZIONI

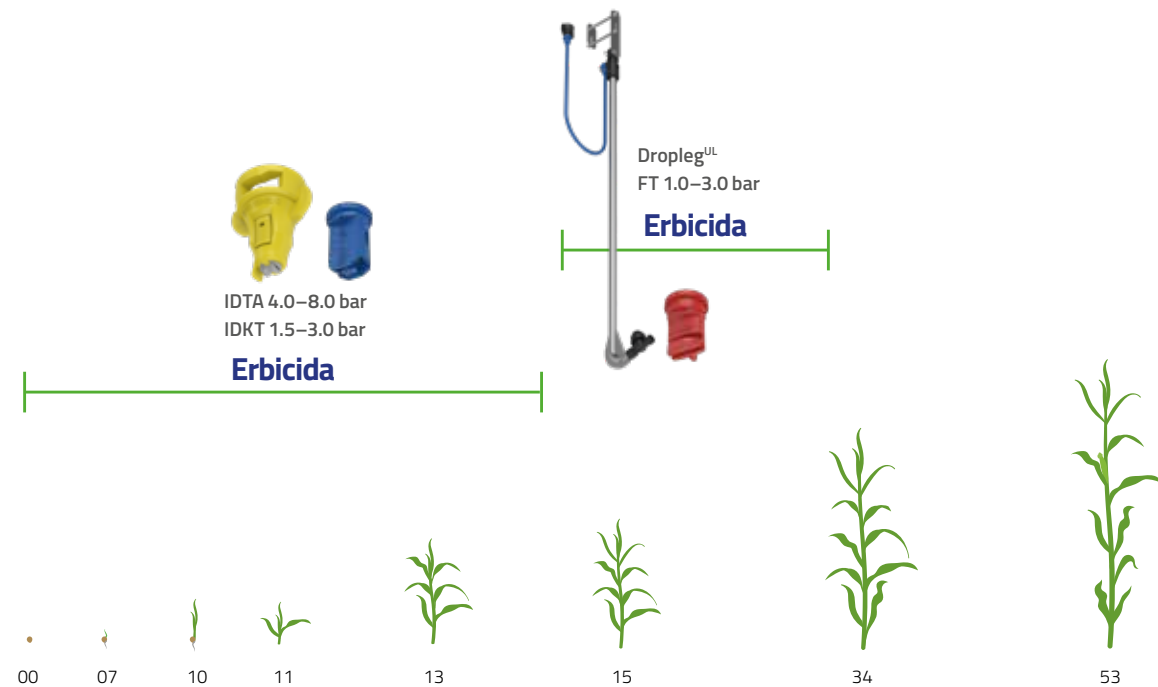


Strategia di applicazione:

Mais

Erbicida

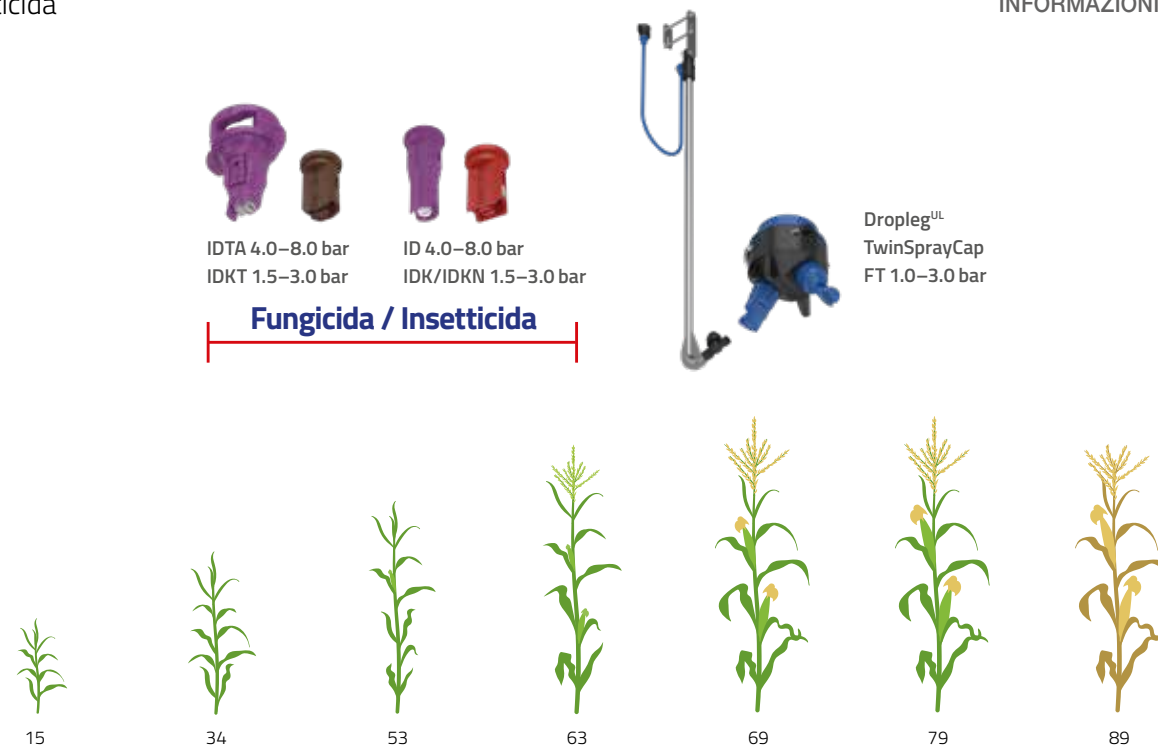
PER PIÙ
INFORMAZIONI



Mais

Fungicida
Insetticida

PER PIÙ
INFORMAZIONI

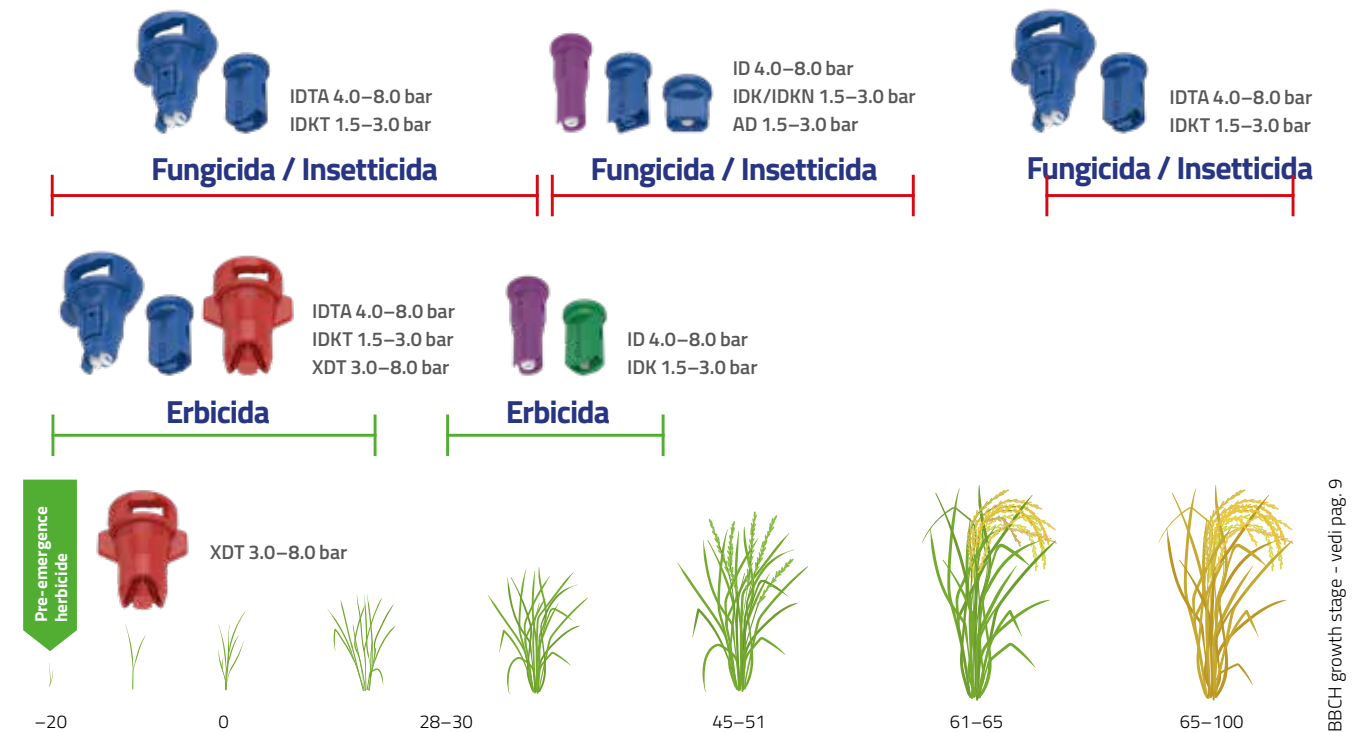


Strategia di applicazione:

Riso

Fungicida
Insetticida
Erbicida

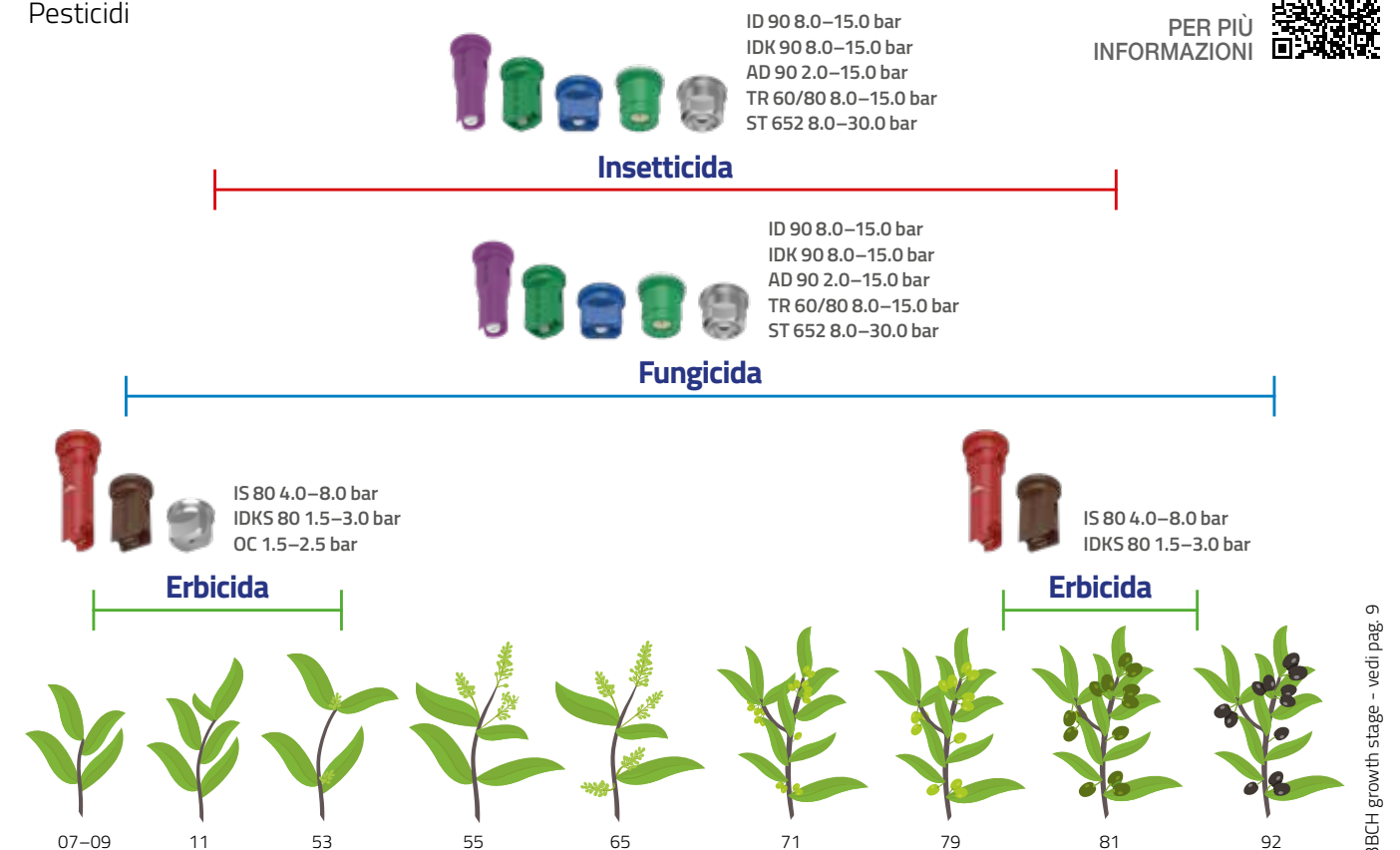
PER PIÙ
INFORMAZIONI



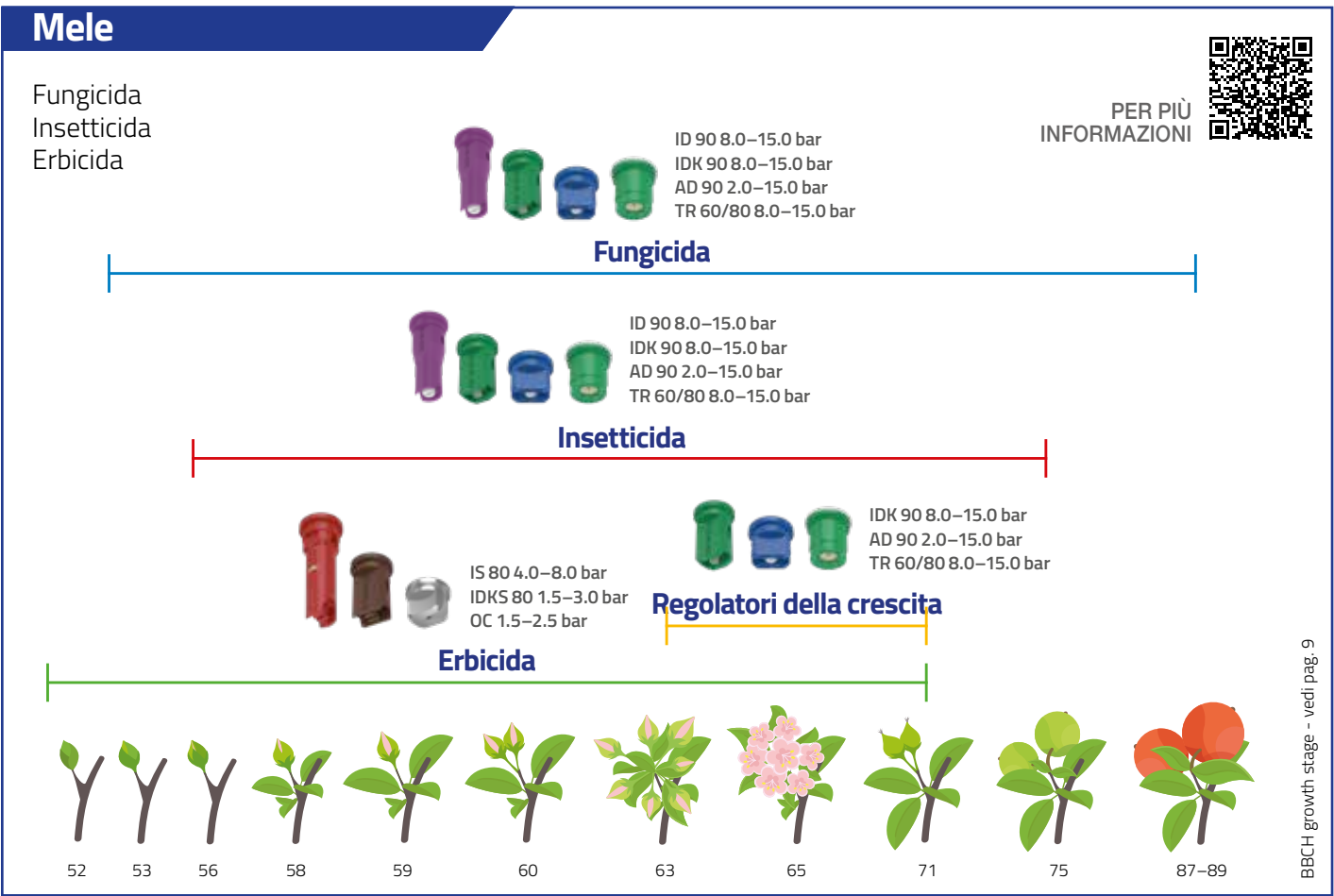
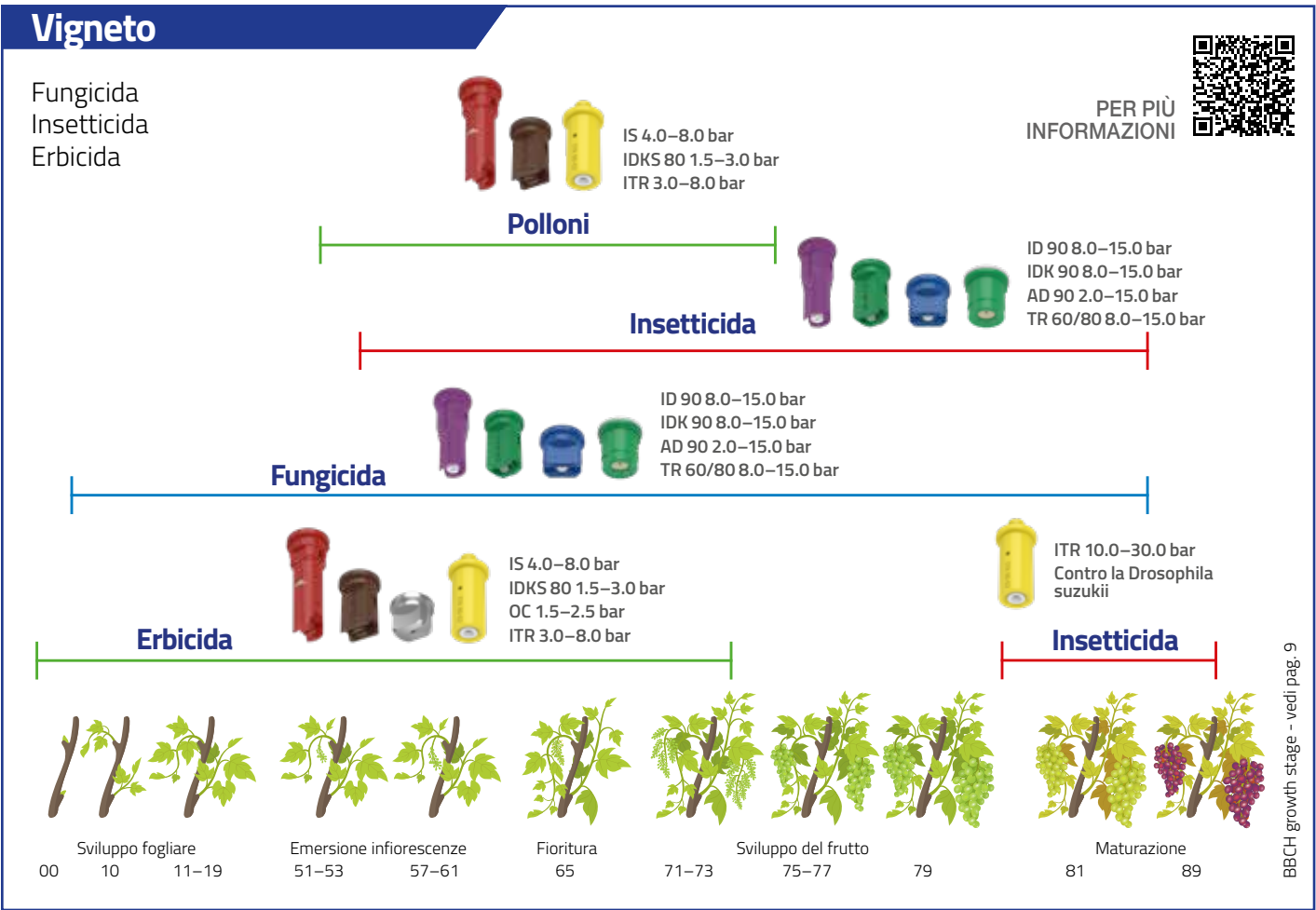
Ulivo

Pesticidi

PER PIÙ
INFORMAZIONI



Strategia di applicazione:



Scala fenologica BBCH:

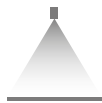
La scala BBCH è un sistema decimale ideato per **codificare uniformemente stadi fenologici analoghi**, sia per specie monocotiledoni che dicotiledoni. La sua struttura permette di racchiudere tutte le scale già esistenti; inoltre è possibile utilizzarla anche per tutte quelle specie per le quali attualmente non sono disponibili scale apposite.

Si suddivide in 10 stadi principali, che vanno da 0 a 9, e altrettanti sottostadi che variano in base alla tipologia di pianta da 00 a 99.

Di seguito i 10 stadi principali:

STADIO	DESCRIZIONE
0	Germinazione / Germogliamento / Sviluppo delle gemme
1	Sviluppo delle foglie
2	Formazione germogli laterali
3	Allungamento dello stelo / Crescita della rosetta
4	Sviluppo parti vegetative
5	Emergenza infiorescenze
6	Fioritura
7	Sviluppo dei frutti
8	Maturazione
9	Senescenza / Inizio della dormienza





ST-110

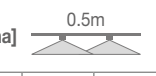
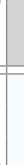
Ugello a ventaglio in POM



ST-110-C

Ugello a ventaglio in ceramica



CODICE			[l/min]	[l/ha] 									
				5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
3400 0834 (00080-04961)		ST 110-01 (80 M)	2.0	0.32	77	64	55	48	38	32	27	24	21
			2.5	0.36	86	72	62	54	43	36	31	27	24
			3.0	0.39	94	78	67	59	47	39	33	29	26
			4.0	0.45	108	90	77	68	54	45	39	34	30
			5.0	0.51	122	102	87	77	61	51	44	38	34
3400 0835 (00080-04962)		ST 110-015 (80 M)	2.0	0.48	115	96	82	72	58	48	41	36	32
			2.5	0.54	130	108	93	81	65	54	46	41	36
			3.0	0.59	142	118	101	89	71	59	51	44	39
			4.0	0.68	163	136	117	102	82	68	58	51	45
			5.0	0.76	182	152	130	114	91	76	65	57	51
3400 0836 (00080-04963)		ST 110-02 (60 M)	2.0	0.65	156	130	111	98	78	65	56	49	43
			2.5	0.73	175	146	125	110	88	73	63	55	49
			3.0	0.80	192	160	137	120	96	80	69	60	53
			4.0	0.92	221	184	158	138	110	92	79	69	61
			5.0	1.03	247	206	177	155	124	103	88	77	69
3400 0837 (00080-04964)		SC/ST 110-025 (60 M)	2.0	0.81	194	162	139	122	97	81	69	61	54
			2.5	0.91	218	182	156	137	109	91	78	68	61
			3.0	0.99	238	198	170	149	119	99	85	74	66
			4.0	1.15	276	230	197	173	138	115	99	86	77
			5.0	1.28	307	256	219	192	154	128	110	96	85
3400 0838 (00080-04965)		SC/ST 110-03 (60 M)	2.0	0.97	233	194	166	146	116	97	83	73	65
			2.5	1.08	259	216	185	162	130	108	93	81	72
			3.0	1.19	286	238	204	179	143	119	102	89	79
			4.0	1.37	329	274	235	206	164	137	117	103	91
			5.0	1.53	367	306	262	230	184	153	131	115	102
3400 0839 (00080-04966)		SC/ST 110-04 (60 M)	2.0	1.29	310	258	221	194	155	129	111	97	86
			2.5	1.44	346	288	247	216	173	144	123	108	96
			3.0	1.58	379	316	271	237	190	158	135	119	105
			4.0	1.82	437	364	312	273	218	182	156	137	121
			5.0	2.04	490	408	350	306	245	204	175	153	136
3400 0840 (00080-04967)		SC/ST 110-05 (25 M)	2.0	1.61	386	322	276	242	193	161	138	121	107
			2.5	1.80	432	360	309	270	216	180	154	135	120
			3.0	1.97	473	394	338	296	236	197	169	148	131
			4.0	2.28	547	456	391	342	274	228	195	171	152
			5.0	2.55	612	510	437	383	306	255	219	191	170
3400 0841 (00080-04968)		ST 110-06 (25 M)	2.0	1.93	463	386	331	290	232	193	165	145	129
			2.5	2.16	518	432	370	324	259	216	185	162	144
			3.0	2.36	566	472	405	354	283	236	202	177	157
			4.0	2.73	655	546	468	410	328	273	234	205	182
			5.0	3.05	732	610	523	458	366	305	261	229	203
3400 0842 (00080-04969)		ST 110-08 (25 M)	2.0	2.58	619	516	442	387	310	258	221	194	172
			2.5	2.88	691	576	494	432	346	288	247	216	192
			3.0	3.16	758	632	542	474	379	316	271	237	211
			4.0	3.65	876	730	626	548	438	365	313	274	243
			5.0	4.08	979	816	699	612	490	408	350	306	272

Aree di applicazione



Prodotti fitosanitari

Caratteristiche



Dimensione ugello
01-08



Angolo di nebulizzazione
110°



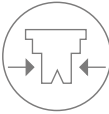
Materiale
POM



Campo di pressione
1,5 - 2,5 - 5 bar



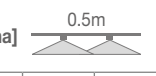
Filtri raccomandati
80 M 015, 60 M 02 - 04



Diametro
del cerchio iscritto
8 mm



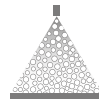
Dimensione gocce
Grosse / fini

CODICE			[l/min]	[l/ha] 									
				5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
3400 0843 (00080-04970)		ST 110-01 (80 M)	2.0	0.32	77	64	55	48	38	32	27	24	21
			2.5	0.36	86	72	62	54	43	36	31	27	24
			3.0	0.39	94	78	67	59	47	39	33	29	26
			4.0	0.45	108	90	77	68	54	45	39	34	30
			5.0	0.51	122	102	87	77	61	51	44	38	34
3400 0844 (00080-04971)		ST 110-015 (80 M)	2.0	0.48	115	96	82	72	58	48	41	36	32
			2.5	0.54	130	108	93	81	65	54	46	41	36
			3.0	0.59	142	118	101	89	71	59	51	44	39
			4.0	0.68	163	136	117	102	82	68	58	51	45
			5.0	0.76	182	152	130	114	91	76	65	57	51
3400 0845 (00080-04972)		ST 110-02 (60 M)	2.0	0.65	156	130	111	98	78	65	56	49	43
			2.5	0.73	175	146	125	110	88	73	63	55	49
			3.0	0.80	192	160	137	120	96	80	69	60	53
			4.0	0.92	221	184	158	138	110	92	79	69	61
			5.0	1.03	247	206	177	155	124	103	88	77	69
ON REQUEST		SC/ST 110-025 (60 M)	2.0	0.81	194	162	139	122	97	81	69	61	54
			2.5	0.91	218	182	156	137	109	91	78	68	61
			3.0	0.99	238	198	170	149	119	99	85	74	66
			4.0	1.15	276	230	197	173	138	115	99	86	77
			5.0	1.28	307	256	219	192	154	128	110	96	85
3400 0846 (00080-04943)		SC/ST 110-03 (60 M)	2.0	0.97	233	194	166	146	116	97	83	73	65
			2.5	1.08	259	216	185	162	130	108	93	81	72
			3.0	1.19	286	238	204	179	143	119	102	89	79
			4.0	1.37	329	274	235	206	164	137	117	103	91
			5.0	1.53	367	306	262	230	184	153	131	115	102
3400 0847 (00080-04974)		SC/ST 110-04 (60 M)	2.0	1.29	310	258	221	194	155	129	111	97	86
			2.5	1.44	346	288	247	216	173	144	123	108	96
			3.0	1.58	379	316	271	237	190	158	135	119	105
			4.0	1.82	437	364	312	273	218	182	156	137	121
			5.0	2.04	490	408	350	306	245	204	175	153	136
3400 0848 (00080-04975)		SC/ST 110-05 (25 M)	2.0	1.61	386	322	276	242	193	161	138	121	107
			2.5	1.80	432	360	309	270	216	180	154	135	120
			3.0	1.97	473	394	338	296	236	197	169	148	131
			4.0	2.28	547	456	391	342	274	228	195	171	152
			5.0	2.55	612	510	437	383	306	255	219	191	170
3400 0849 (00080-04976)		ST 110-06 (25 M)	2.0	1.93	463	386	331	290	232	193	165	145	129
			2.5	2.16	518	432	370	324	259	216	185	162	144
			3.0	2.36	566	472	405	354	283	236	202	177	157
			4.0	2.73	655	546	468	410	328	273	234	205	182
			5.0	3.05	732	610	523	458	366	305	261	229	203
3400 0850 (00080-04977)		ST 110-08 (25 M)	2.0	2.58	619	516	442	387	310	258	221	194	172
			2.5	2.88	691	576	494	432	346	288	247	216	192
			3.0	3.16	758	632	542	474	379	316	271	237	211
			4.0	3.65	876	730	626	548	438	365	313	274	243
			5.0	4.08	979	816	699	612	490	408	350	306	272



ID3-120

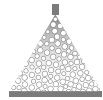
Ugello a ventaglio ad iniezione d'aria in POM



ID3-120-C

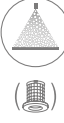
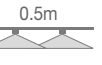
Ugello a ventaglio ad iniezione d'aria in ceramica

CODICE	 	ISO 25358  تحتل	 bar	[l/min]	[l/ha] 									
					0.5m 									
					5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
3400 0884 (00080-05016)	ID-120-01 (80 M)	EC	3.0	0.39	94	78	67	59	47	39	33	29	26	
		VC	4.0	0.45	108	90	77	68	54	45	39	34	30	
		VC	5.0	0.51	122	102	87	77	61	51	44	38	34	
		VC	6.0	0.55	132	110	94	83	66	55	47	41	37	
		C	7.0	0.60	144	120	103	90	72	60	51	45	40	
		C	8.0	0.64	154	128	110	96	77	64	55	48	43	
3400 0885 (00080-05017)	ID-120-015 (60 M)	VC	3.0	0.59	142	118	101	89	71	59	51	44	39	
		VC	4.0	0.68	163	136	117	102	82	68	58	51	45	
		VC	5.0	0.76	182	152	130	114	91	76	65	57	51	
		C	6.0	0.83	199	166	142	125	100	83	71	62	55	
		C	7.0	0.90	216	180	154	135	108	90	77	68	60	
		C	8.0	0.96	230	192	165	144	115	96	82	72	64	
3400 0886 (00080-05018)	ID-120-02 (60 M)	EC	2.0	0.65	156	130	111	98	78	65	56	49	43	
		VC	3.0	0.80	192	160	137	120	96	80	69	60	53	
		VC	4.0	0.92	221	184	158	138	110	92	79	69	61	
		VC	5.0	1.03	247	206	177	155	124	103	88	77	69	
		C	6.0	1.13	271	226	194	170	136	113	97	85	75	
		C	7.0	1.22	293	244	209	183	146	122	105	92	81	
3400 0887 (00080-05019)	ID-120-025 (60 M)	M	8.0	1.30	312	260	223	195	156	130	111	98	87	
		UC	2.0	0.81	194	162	139	122	97	81	69	61	54	
		EC	3.0	0.99	238	198	170	149	119	99	85	74	66	
		VC	4.0	1.15	276	230	197	173	138	115	99	86	77	
		VC	5.0	1.28	307	256	219	192	154	128	110	96	85	
		VC	6.0	1.40	336	280	240	210	168	140	120	105	93	
3400 0888 (00080-05020)	ID-120-03 (60 M)	VC	7.0	1.52	365	304	261	228	182	152	130	114	101	
		VC	8.0	1.62	389	324	278	243	194	162	139	122	108	
		UC	2.0	0.97	233	194	166	146	116	97	83	73	65	
		EC	3.0	1.19	286	238	204	179	143	119	102	89	79	
		VC	4.0	1.37	329	274	235	206	164	137	117	103	91	
		VC	5.0	1.53	367	306	262	230	184	153	131	115	102	
3400 0889 (00080-05021)	ID-120-04 (60 M)	VC	6.0	1.68	403	336	288	252	202	168	144	126	112	
		VC	7.0	1.81	434	362	310	272	217	181	155	136	121	
		VC	8.0	1.94	466	388	333	291	233	194	166	146	129	
		EC	2.0	1.29	310	258	221	194	155	129	111	97	86	
		EC	3.0	1.58	379	316	271	237	190	158	135	119	105	
		VC	4.0	1.82	437	364	312	273	218	182	156	137	121	
3400 0890 (00080-05022)	ID-120-05 (25 M)	VC	5.0	2.04	490	408	350	306	245	204	175	153	136	
		VC	6.0	2.23	535	446	382	335	268	223	191	167	149	
		VC	7.0	2.41	578	482	413	362	289	241	207	181	161	
		VC	8.0	2.58	619	516	442	387	310	258	221	194	172	
		UC	2.0	1.61	386	322	276	242	193	161	138	121	107	
		EC	3.0	1.97	473	394	338	296	236	197	169	148	131	
3400 0891 (00080-05023)	ID-120-06 (25 M)	VC	4.0	2.28	547	456	391	342	274	228	195	171	152	
		VC	5.0	2.55	612	510	437	383	306	255	219	191	170	
		VC	6.0	2.79	670	558	478	419	335	279	239	209	186	
		VC	7.0	3.01	722	602	516	452	361	301	258	226	201	
		VC	8.0	3.22	773	644	552	483	386	322	276	242	215	
		EC	2.0	1.93	463	386	331	290	232	193	165	145	129	
3400 0892 (00080-05024)	ID-120-08 (25 M)	EC	3.0	2.36	566	472	405	354	283	236	202	177	157	
		VC	4.0	2.73	655	546	468	410	328	273	234	205	182	
		VC	5.0	3.05	732	610	523	458	366	305	261	229	203	
		VC	6.0	3.34	802	668	573	501	401	334	286	251	223	
		VC	7.0	3.61	866	722	619	542	433	361	309	271	241	
		VC	8.0	3.86	926	772	662	579	463	386	331	290	257	
3400 0893 (00080-05025)	ID-120-10 (25 M)	EC	2.0	2.58	619	516	442	387	310	258	221	194	172	
		EC	3.0	3.16	758	632	542	474	379	316	271	237	211	
		VC	4.0	3.65	876	730	626	548	438	365	313	274	243	
		VC	5.0	4.08	979	816	699	612	490	408	350	306	272	
		VC	6.0	4.47	1,073	894	766	671	536	447	383	335	298	
		VC	7.0	4.83	1,159	966	828	725	580	483	414	362	322	
3400 0894 (00080-05026)	ID-120-08 (25 M)	VC	8.0	5.16	1,238	1,032	885	774	619	516	442	387	344	
		UC	2.0	3.22	773	644	552	483	386	322	276	242	215	
		EC	3.0	3.94	946	788	675	591	473	394	338	296	263	
		EC	4.0	4.55	1,092	910	780	683	546	455	390	341	303	
		VC	5.0	5.09	1,222	1,018	873	764	611	509	436	382	339	
		VC	6.0	5.57	1,337	1,114	955	836	668	557	477	418	371	
3400 0895 (00080-05027)	ID-120-10 (25 M)	VC	7.0	6.02	1,445	1,204	1,032	903	722	602	516	452	401	
		VC	8.0	6.43	1,543	1,286	1,102	965	772	643	551	482	429	
		EC	2.0	3.22	773	644	552	483	386	322	276	242	215	
		EC	3.0	3.94	946	788	675	591	473	394	338	296	263	
		EC	4.0	4.55	1,092	910	780	683	546	455	390	341	303	
		VC	5.0	5.09	1,222	1,018	873	764	611	509	436	382	339	
3400 0896 (00080-05028)	ID-120-10 (25 M)	VC	6.0	5.57	1,337	1,114	955	836	668	557	477	418	371	
		VC	7.0	6.02	1,445	1,204	1,032	903	722	602	516	452	401	
		VC	8.0	6.43	1,543	1,286	1,102	965	772	643	551	482	429	
		EC	2.0	3.22	773	644	552	483	386	322	276	242	215	
		EC	3.0	3.94	946	788	675	591	473	394	338	296	263	
		EC	4.0	4.55	1,092	910	780	683	546	455	390	341	303	
3400 0897 (00080-05029)	ID-120-10 (25 M)	VC	5.0	5.09	1,222	1,018	873	764	611	509	436	382	339	
		VC	6.0	5.57	1,337	1,114	955	836	668	557	477	418	371	
		VC	7.0	6.02	1,445	1,204	1,032	903	722	602	516	452	401	
		VC	8.0	6.43	1,543	1,286	1,102	965	772	643	551	482	429	
		EC	2.0	3.22	773	644	552	483	386	322	276	242	215	
		EC	3.0	3.94	946	788	675	591	473	394	338	296	263	
3400 0898 (00080-05030)	ID-120-10 (25 M)	EC	4.0	4.55	1,092	910	780	683	546	455	390	341	303	
		VC	5.0	5.09	1,222	1,018	873	764	611	509	436	382	339	
		VC	6.0	5.57	1,337	1,114	955	836	668	557	477	418	371	
		VC	7.0	6.02	1,445	1,204	1,032	903	722	602	516	452	401	
		VC	8.0	6.43	1,543	1,286	1,102	965	772	643	551	482	429	
		EC	2.0	3.22	773	644	552	483	386	322	276	242	215	
3400 0899 (00080-05031)	ID-120-10 (25 M)	EC	3.0	3.94	946	788	675	591	473	394	338	296	263	
		EC	4.0	4.55	1,092	910	780	683	546	455	390	341	303	
		VC	5.0	5.09	1,222	1,018	873	764	611	509	436	382	339	
		VC	6.0	5.57	1,337	1,114	955	836	668	557	477	418	371	
		VC	7.0	6.02	1,445	1,204	1,032	903	722	602	516	452	401	
		VC	8.0	6.43	1,543	1,286	1,102	965	772	643	551	482	429	
3400 0900 (00080-05032)	ID-120-10 (25 M)	EC	2.0	3.22	773	644	552	483	386	322	276	242	215	
		EC	3.0	3.94	946	788	675	591	473	394	338	296	263	
		EC	4.0	4.55	1,092	910	780	683	546	455	390	341	303	
		VC	5.0	5.09	1,222	1,018	873	764	611	509	436	382	339	
		VC	6.0	5.57	1,337	1,114	955	836	668	557	477	418	371	
		VC	7.0	6.02	1,445	1,204	1,032	903	722	602	516	452	401	
3400 0901 (00080-05033)	ID-120-10 (25 M)	VC	8.0	6.43	1,543	1,286	1,102	965	772	643	551	482	429	
		EC	2.0	3.22	773	644	552	483	386	322	276	242	215	
		EC	3.0	3.94	946	788	675	591	473	394	338	296	263	
		EC	4.0	4.55	1,092	910	780	683	546	455	390	341	303	
		VC	5.0	5.09	1,222	1,018	873	764	611	509	436	382	339	
		VC	6.0	5.57	1,337	1,114	955	836	668	557	477	418	371	
3400 0902 (00080-05034)	ID-120-10 (25 M)	VC	7.0	6.02	1,445	1,204	1,032	903	722	602	516	452	401	
		VC	8.0	6.43	1,543	1,286	1,102	965	772	643	551	482	429	
		EC	2.0	3.22	773	644	552	483	386	322	276	242	215	



IDK-120

Ugello a ventaglio ad iniezione d'aria in POM compatto

CODICE		ISO 25358 		[l/min]	[l/ha] 									
					5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
3400 0902 (00080-05034)		IDK 120-01 (80 M)	EC	1.0	0.23	55	46	39	35	28	23	20	17	15
			VC	1.5	0.28	67	56	48	42	34	28	24	21	19
			VC	2.0	0.32	77	64	55	48	38	32	27	24	21
			VC	3.0	0.39	94	78	67	59	47	39	33	29	26
			C	4.0	0.45	108	90	77	68	54	45	39	34	30
			M	6.0	0.55	132	110	94	83	66	55	47	41	37
3400 0903 (00080-05035)		IDK 120-015 (60 M)	EC	1.0	0.34	82	68	58	51	41	34	29	26	23
			VC	1.5	0.42	101	84	72	63	50	42	36	32	28
			VC	2.0	0.48	115	96	82	72	58	48	41	36	32
			C	3.0	0.59	142	118	101	89	71	59	51	44	39
			C	4.0	0.68	163	136	117	102	82	68	58	51	45
			M	6.0	0.83	199	166	142	125	100	83	71	62	55
3400 0904 (00080-05036)		IDK 120-02 (60 M)	EC	1.0	0.46	110	92	79	69	55	46	39	35	31
			VC	1.5	0.56	134	112	96	84	67	56	48	42	37
			VC	2.0	0.65	156	130	111	98	78	65	56	49	43
			VC	3.0	0.80	192	160	137	120	96	80	69	60	53
			C	4.0	0.92	221	184	158	138	110	92	79	69	61
			M	6.0	1.13	271	226	194	170	136	113	97	85	75
3400 0905 (00080-05037)		IDK 120-025 (60 M)	EC	1.0	0.57	137	114	98	86	68	57	49	43	38
			VC	1.5	0.70	168	140	120	105	84	70	60	53	47
			VC	2.0	0.81	194	162	139	122	97	81	69	61	54
			C	3.0	0.99	238	198	170	149	119	99	85	74	66
			C	4.0	1.15	276	230	197	173	138	115	99	86	77
			M	6.0	1.40	336	280	240	210	168	140	120	105	93
3400 0906 (00080-05038)		IDK 120-03 (60 M)	EC	1.0	0.69	166	138	118	104	83	69	59	52	46
			VC	1.5	0.84	202	168	144	126	101	84	72	63	56
			VC	2.0	0.97	233	194	166	146	116	97	83	73	65
			VC	3.0	1.19	286	238	204	179	143	119	102	89	79
			C	4.0	1.37	329	274	235	206	164	137	117	103	91
			M	6.0	1.68	403	336	288	252	202	168	144	126	112
3400 0907 (00080-05039)		IDK 120-04 (60 M)	UC	1.0	0.91	218	182	156	137	109	91	78	68	61
			EC	1.5	1.12	269	224	192	168	134	112	96	84	75
			EC	2.0	1.29	310	258	221	194	155	129	111	97	86
			VC	3.0	1.58	379	316	271	237	190	158	135	119	105
			C	4.0	1.82	437	364	312	273	218	182	156	137	121
			C	6.0	2.23	535	446	382	335	268	223	191	167	149
3400 0908 (00080-05040)		IDK 120-05 (25 M)	EC	1.0	1.14	274	228	195	171	137	114	98	86	76
			EC	1.5	1.39	334	278	238	209	167	139	119	104	93
			VC	2.0	1.61	386	322	276	242	193	161	138	121	107
			VC	3.0	1.97	473	394	338	296	236	197	169	148	131
			VC	4.0	2.28	547	456	391	342	274	228	195	171	152
			C	5.0	2.55	612	510	437	383	306	255	219	191	170
3400 0909 (00080-05041)		IDK 120-06 (25 M)	C	6.0	2.79	670	558	478	419	335	279	239	209	186
			EC	1.0	1.36	326	272	233	204	163	136	117	102	91
			VC	1.5	1.67	401	334	286	251	200	167	143	125	111
			VC	2.0	1.93	463	386	331	290	232	193	165	145	129
			VC	3.0	2.36	566	472	405	354	283	236	202	177	157
			C	4.0	2.73	655	546	468	410	328	273	234	205	182
3400 0910 (00080-05042)		IDK 120-08 (25 M)	C	6.0	3.34	802	668	573	501	401	334	286	251	223
			EC	1.0	1.82	437	364	312	273	218	182	156	137	121
			EC	1.5	2.23	535	446	382	335	268	223	191	167	149
			VC	2.0	2.58	619	516	442	387	310	258	221	194	172
			VC	3.0	3.16	758	632	542	474	379	316	271	237	211
			VC	4.0	3.65	876	730	626	548	438	365	313	274	243
3400 0911 (00080-05043)		IDK 120-10 (25 M)	C	6.0	3.34	802	668	573	501	401	334	286	251	223
			UC	1.0	2.27	545	454	389	341	272	227	195	170	151
			EC	1.5	2.79	670	558	478	419	335	279	239	209	186
			EC	2.0	3.22	773	644	552	483	386	322	276	242	215
			VC	3.0	3.94	946	788	675	591	473	394	338	296	263
			VC	4.0	4.55	1,092	910	780	683	546	455	390	341	303
3400 0911 (00080-05043)			C	6.0	5.57	1,337	1,114	955	836	668	557	477	418	371

Aree di applicazione



Prodotti fitosanitari e regolatori della crescita



Fertirrigazione

Caratteristiche



Dimensione ugello 01-10



Angolo di nebulizzazione 120°



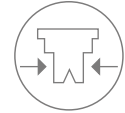
Materiale POM



Campo di pressione
IDK-01 bis - 03: 1,5-3-6 bar,
IDK-04 bis - 10: 1-1,5-3-6 bar
UHL:
IDK-01 bis - 03: 1,5 - 2,5 bar
IDK-04 bis - 10: 1 - 2,5 bar



Filtri raccomandati
80 M 01, 60 M 015 - 04,
25 M 10



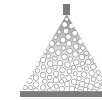
Diametro del cerchio inscritto 8 mm



Dimensione gocce Grossolana / media

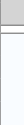
Classificazione ISO 25358 in base alle dimensioni delle gocce:

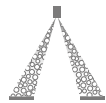
VF	Very fine
F	Fine
M	Medium
C	Coarse
VC	Very coarse
EC	Extremely coarse
UC	Ultra coarse



IDK-120-C

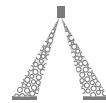
Ugello a ventaglio ad iniezione d'aria in ceramica compatto

CODICE		ISO 25358 		[l/min]	[l/ha] 									
					5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
3400 0912 (00080-05044)		IDK 120-01 (80 M)	EC	1.0	0.23	55	46	39	35	28	23	20	17	15
			VC	1.5	0.28	67	56	48	42	34	28	24	21	19
			VC	2.0	0.32	77	64	55	48	38	32	27	24	21
			VC	3.0	0.39	94	78	67	59	47	39	33	29	26
			C	4.0	0.45	108	90	77	68	54	45	39	34	30
			M	6.0	0.55	132	110	94	83	66	55	47	41	37
3400 0913 (00080-05045)		IDK 120-015 (60 M)	EC	1.0	0.34	82	68	58	51	41	34	29	26	23
			VC	1.5	0.42	101	84	72	63	50	42	36	32	28
			VC	2.0	0.48	115	96	82	72	58	48	41	36	32
			C	3.0	0.59	142	118	101	89	71	59	51	44	39
			C	4.0	0.68	163	136	117	102	82	68	58	51	45
			M	6.0	0.83	199	166	142	125	100	83	71	62	55
3400 0914 (00080-05046)		IDK 120-02 (60 M)	EC	1.0	0.46	110	92	79	69	55	46	39	35	31
			VC	1.5	0.56	134	112	96	84	67	56	48	42	37
			VC	2.0	0.65	156	130	111	98	78	65	56	49	43
			VC	3.0	0.80	192	160	137	120	96	80	69	60	53
			C	4.0	0.92	221	184	158	138	110	92	79	69	61
			M	6.0	1.13	271	226	194	170	136	113	97	85	75
3400 0915 (00080-05047)		IDK 120-025 (60 M)	EC	1.0	0.57	137	114	98	86	68	57	49	43	38
			VC	1.5	0.70	168	140	120	105	84	70	60	53	47
			VC	2.0	0.81	194	162	139	122	97	81	69	61	54
			C	3.0	0.99	238	198	170	149	119	99	85	74	66
			C	4.0	1.15	276	230	197	173	138	115	99	86	77
			M	6.0	1.40	336	280	240	210	168	140	120	105	93
3400 0916 (00080-05048)		IDK 120-03 (60 M)	EC	1.0	0.69	166	138	118	104	83	69	59	52	46
			VC	1.5	0.84	202	168	144	126	101	84	72	63	56
			VC	2.0	0.97	233	194	166	146	116	97	83	73	65
			VC	3.0	1.19	286	238	204	179	143	119	102	89	79
			C	4.0	1.37	329	274	235	206	164	137	117	103	91
			M	6.0	1.68	403	336	288	252	202	168	144	126	112
3400 0917 (00080-05049)		IDK 120-04 (60 M)	UC	1.0	0.91	218	182	156	137	109	91	78	68	61
			EC	1.5	1.12	269	224	192	168	134	112	96	84	75
			EC	2.0	1.29	310	258	221	194	155	129	111	97	86
			VC	3.0	1.58	379	316	271	237	190	158	135	119	105
			C	4.0	1.82	437	364	312	273	218	182	156	137	121
			C	6.0	2.23	535	446	382	335	268	223	191	167	149
3400 0918 (00080-05050)		IDK 120-05 (25 M)	EC	1.0	1.14	274	228	195	171	137	114	98	86	76
			EC	1.5	1.39	334	278	238	209	167	139	119	104	93
			VC	2.0	1.61	386	322	276	242	193	161	138	121	107
			VC	3.0	1.97	473	394	338	296	236	197	169	148	131
			VC	4.0	2.28	547	456	391	342	274	228	195	171	152
			C	5.0	2.55	612	510	437	383	306	255	219	191	170
3400 0919 (00080-05051)		IDK 120-06 (25 M)	C	6.0	2.79	670	558	478	419	335	279	239	209	186
			EC	1.0	1.36	326	272	233	204	163	136	117	102	91
			VC	1.5	1.67	401	334	286	251	200	167	143	125	111
			VC	2.0	1.93	463	386	331	290	232	193	165	145	129
			VC	3.0	2.36	566	472	405	354	283	236	202	177	157
			C	4.0	2.73	655	546	468	410	328	273	234	205	182
ON REQUEST		IDK 120-08 (25 M)	C	6.0	3.34	802	668	573	501	401	334	286	251	223
			EC	1.0	1.82	437	364	312	273	218	182	156	137	121
			EC	1.5	2.23	535	446	382	335	268	223	191	167	149
			VC	2.0	2.58	619	516	442	387	310	258	221	194	172
			VC	3.0	3.16	758	632	542	474	379	316	271	237	211
			VC	4.0	3.65	876	730	626	548	438	365	313	274	243
ON REQUEST		IDK 120-10 (25 M)	C	6.0	3.34	802	668	573	501	401	334	286	251	223
			UC	1.0	2.27	545	454	389	341	272	227	195	170	151
			EC	1.5	2.79	670	558	478	419	335	279	239	209	186
			EC	2.0	3.22	773	644	552	483	386	322	276	242	215
			VC	3.0	3.94	946	788	675	591	473	394	338	296	263
			VC	4.0	4.55	1,092	910	780	683	546	455	390	341	303
ON REQUEST		IDK 120-10 (25 M)	C	6.0	5.57	1,337	1,114	955	836	668	557	477	418	371



IDKT-120

Ugello a ventaglio doppio ad iniezione d'aria in POM compatto



IDKT-120-C

Ugello a ventaglio doppio ad iniezione d'aria in ceramica compatto



CODICE	 	ISO 25358  تحت ضغط	 bar	[l/min]	[l/ha] 									
					5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
3400 0935 (00080-05067)		IDKT 120-015 (80 M)	UC	1.5	0.42	101	84	72	63	50	42	36	32	28
			EC	2.0	0.48	115	96	82	72	58	48	41	36	32
			VC	3.0	0.59	142	118	101	89	71	59	51	44	39
			VC	4.0	0.68	163	136	117	102	82	68	58	51	45
			VC	5.0	0.76	182	152	130	114	91	76	65	57	51
			VC	6.0	0.83	199	166	142	125	100	83	71	62	55
3400 0936 (00080-05068)		IDKT 120-02 (80 M)	EC	1.5	0.56	134	112	96	84	67	56	48	42	37
			EC	2.0	0.65	156	130	111	98	78	65	56	49	43
			VC	3.0	0.80	192	160	137	120	96	80	69	60	53
			VC	4.0	0.92	221	184	158	138	110	92	79	69	61
			C	5.0	1.03	247	206	177	155	124	103	88	77	69
			C	6.0	1.13	271	226	194	170	136	113	97	85	75
3400 0937 (00080-05069)		IDKT 120-025 (60 M)	EC	1.5	0.70	168	140	120	105	84	70	60	53	47
			VC	2.0	0.81	194	162	139	122	97	81	69	61	54
			VC	3.0	0.99	238	198	170	149	119	99	85	74	66
			VC	4.0	1.15	276	230	197	173	138	115	99	86	77
			C	5.0	1.28	307	256	219	192	154	128	110	96	85
			M	6.0	1.40	336	280	240	210	168	140	120	105	93
3400 0938 (00080-05070)		IDKT 120-03 (60 M)	UC	1.0	0.69	166	138	118	104	83	69	59	61	54
			EC	1.5	0.84	202	168	144	126	101	84	72	63	56
			EC	2.0	0.97	233	194	166	146	116	97	83	73	65
			VC	3.0	1.19	286	238	204	179	143	119	102	89	79
			VC	4.0	1.37	329	274	235	206	164	137	117	103	91
			VC	5.0	1.53	367	306	262	230	184	153	131	115	102
3400 0939 (00080-05071)		IDKT 120-04 (60 M)	C	6.0	1.68	403	336	288	252	202	168	144	126	112
			EC	1.0	0.91	218	182	156	137	109	91	78	68	61
			EC	1.5	1.12	269	224	192	168	134	112	96	84	75
			VC	2.0	1.29	310	258	221	194	155	129	111	97	86
			VC	3.0	1.58	379	316	271	237	190	158	135	119	105
			VC	4.0	1.82	437	364	312	273	218	182	156	137	121
3400 0940 (00080-05072)		IDKT 120-05 (60 M)	C	5.0	2.04	490	408	350	306	245	204	175	153	136
			C	6.0	2.23	535	446	382	335	268	223	191	167	149
			UC	1.0	1.14	274	228	195	171	137	114	98	86	76
			EC	1.5	1.39	334	278	238	209	167	139	119	104	93
			VC	2.0	1.61	386	322	276	242	193	161	138	121	107
			VC	3.0	1.97	473	394	338	296	236	197	169	148	131
3400 0941 (00080-05073)		IDKT 120-06 (60 M)	VC	4.0	2.28	547	456	391	342	274	228	195	171	152
			C	5.0	2.55	612	510	437	383	306	255	219	191	170
			C	6.0	2.79	670	558	478	419	335	279	239	209	186
			UC	1.0	1.36	326	272	233	204	163	136	117	102	91
			EC	1.5	1.67	401	334	286	251	200	167	143	125	111
			VC	2.0	1.93	463	386	331	290	232	193	165	145	129
3400 0942 (00080-05074)		IDKT 120-08 (60 M)	VC	3.0	2.36	566	472	405	354	283	236	202	177	157
			VC	4.0	2.73	655	546	468	410	328	273	234	205	182
			C	5.0	3.05	732	610	523	458	366	305	261	229	203
			C	6.0	3.34	802	668	573	501	401	334	286	251	223
			EC	1.0	1.82	437	364	312	273	218	182	156	137	121
			EC	1.5	2.23	535	446	382	335	268	223	191	167	149
3400 0943 (00080-05075)		IDKT 120-10 (25 M)	VC	2.0	2.58	619	516	442	387	310	258	221	194	172
			VC	3.0	3.16	758	632	542	474	379	316	271	237	211
			C	4.0	3.65	876	730	626	548	438	365	313	274	243
			C	5.0	4.08	979	816	699	612	490	408	350	306	272
			C	6.0	4.47	1,073	894	766	671	536	447	383	335	298
			UC	1.0	2.27	545	454	389	341	272	227	195	170	151

Aree di applicazione



Prodotti fitosanitari

Caratteristiche



Dimensione ugello
015-06



Angolo di nebulizzazione
120°



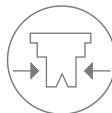
Materiale
POM



Campo di pressione
da IDKT-015 a -025:
1,5-3-6 bar
da IDKT-03 a -06:
1-1,5-3-6 bar



Filtri raccomandati
80 M 015-02,
60 M 025 - 06



Diametro
del cerchio inscritto
8 mm



Dimensione gocce
Grossolana / media

Classificazione ISO 25358
in base alle dimensioni delle
gocce:

VF	Very fine
F	Fine
M	Medium
C	Coarse
VC	Very coarse
EC	Extremely coarse
UC	Ultra coarse

CODICE	 	ISO 25358  لجسلسلا	 bar	[l/min]	[l/ha] 									
					5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
ON REQUEST		IDKT 120-015 (80 M)	UC	1.5	0.42	101	84	72	63	50	42	36	32	28
			EC	2.0	0.48	115	96	82	72	58	48	41	36	32
			VC	3.0	0.59	142	118	101	89	71	59	51	44	39
			VC	4.0	0.68	163	136	117	102	82	68	58	51	45
			VC	5.0	0.76	182	152	130	114	91	76	65	57	51
			VC	6.0	0.83	199	166	142	125	100	83	71	62	55
ON REQUEST		IDKT 120-02 (80 M)	EC	1.5	0.56	134	112	96	84	67	56	48	42	37
			EC	2.0	0.65	156	130	111	98	78	65	56	49	43
			VC	3.0	0.80	192	160	137	120	96	80	69	60	53
			VC	4.0	0.92	221	184	158	138	110	92	79	69	61
			C	5.0	1.03	247	206	177	155	124	103	88	77	69
			C	6.0	1.13	271	226	194	170	136	113	97	85	75
ON REQUEST		IDKT 120-025 (60 M)	EC	1.5	0.70	168	140	120	105	84	70	60	53	47
			VC	2.0	0.81	194	162	139	122	97	81	69	61	54
			VC	3.0	0.99	238	198	170	149	119	99	85	74	66
			VC	4.0	1.15	276	230	197	173	138	115	99	86	77
			C	5.0	1.28	307	256	219	192	154	128	110	96	85
			M	6.0	1.40	336	280	240	210	168	140	120	105	93
3400 0944 (00080-05076)		IDKT 120-03 (60 M)	UC	1.0	0.69	166	138	118	104	83	69	59	61	54
			EC	1.5	0.84	202	168	144	126	101	84	72	63	56
			EC	2.0	0.97	233	194	166	146	116	97	83	73	65
			VC	3.0	1.19	286	238	204	179	143	119	102	89	79
			VC	4.0	1.37	329	274	235	206	164	137	117	103	91
			VC	5.0	1.53	367	306	262	230	184	153	131	115	102
3400 0945 (00080-05077)		IDKT 120-04 (60 M)	C	6.0	1.68	403	336	288	252	202	168	144	126	112
			EC	1.0	0.91	218	182	156	137	109	91	78	68	61
			EC	1.5	1.12	269	224	192	168	134	112	96	84	75
			VC	2.0	1.29	310	258	221	194	155	129	111	97	86
			VC	3.0	1.58	379	316	271	237	190	158	135	119	105
			VC	4.0	1.82	437	364	312	273	218	182	156	137	121
3400 0946 (00080-05078)		IDKT 120-05 (60 M)	C	5.0	2.04	490	408	350	306	245	204	175	153	136
			C	6.0	2.23	535	446	382	335	268	223	191	167	149
			UC	1.0	1.14	274	228	195	171	137	114	98	86	76
			EC	1.5	1.39	334	278	238	209	167	139	119	104	93
			VC	2.0	1.61	386	322	276	242	193	161	138	121	107
			VC	3.0	1.97	473	394	338	296	236	197	169	148	131
3400 0947 (00080-05079)		IDKT 120-06 (60 M)	VC	4.0	2.28	547	456	391	342	274	228	195	171	152
			C	5.0	2.55	612	510	437	383	306	255	219	191	170
			C	6.0	2.79	670	558	478	419	335	279	239	209	186
			UC	1.0	1.36	326	272	233	204	163	136	117	102	91
			EC	1.5	1.67	401	334	286	251	200	167	143	125	111
			VC	2.0	1.93	463	386	331	290	232	193	165	145	129
ON REQUEST		IDKT 120-08 (60 M)	VC	3.0	2.36	566	472	405	354	283	236	202	177	157
			VC	4.0	2.73	655	546	468	410	328	273	234	205	182
			C	5.0	3.05	732	610	523	458	366	305	261	229	203
			C	6.0	3.34	802	668	573	501	401	334	286	251	223
			EC	1.0	1.82	437	364	312	273	218	182	156	137	121
			EC	1.5	2.23	535	446	382	335	268	223	191	167	149
ON REQUEST		IDKT 120-10 (25 M)	VC	2.0	2.58	619	516	442	387	310	258	221	194	172
			VC	3.0	3.16	758	632	542	474	379	316	271	237	211
			C	4.0	3.65	876	730	626	548	438	365	313	274	243
			C	5.0	4.08	979	816	699	612	490	408	350	306	272
			C	6.0	4.47	1,073	894	766	671	536	447	383	335	298
			EC	1.0	2.27	545	454	389	341	272	227	195	170	151
ON REQUEST		IDKT 120-10 (25 M)	EC	1.5	2.79	670	558	478	419	335	279	239	209	186
			VC	2.0	3.22	773	644	552	483	386	322	276	242	215
			VC	3.0	3.94	946	788	675	591	473	394	338	296	263
			C	4.0	4.55	1,092	910	780	683	546	455	390	341	303
			C	5.0	5.09	1,222	1,018	873	764	611	509	436	382	339
			C	6.0	5.57	1,337	1,114	955	836	668	557	477	418	371

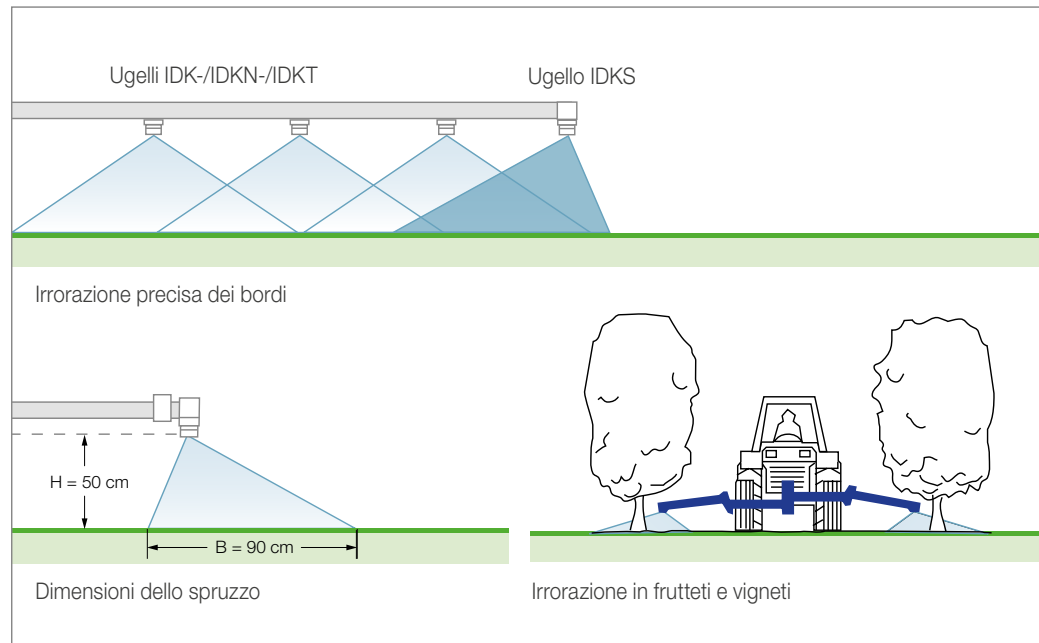


IDKS-80

Ugello a ventaglio asimmetrico ad iniezione d'aria in POM compatto



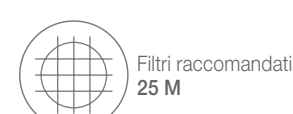
CODICE			[l/min]						
			1.0	1.5	2.0	3.0	4.0	5.0	6.0
3400 0928 (00080-05060)	IDKS 80-015	60 M	–	0.28	0.32	0.39	0.45	0.51	0.55
3400 0929 (00080-05061)	IDKS 80-02	60 M	–	0.42	0.48	0.59	0.68	0.76	0.83
3400 0930 (00080-0562)	IDKS 80-025	60 M	–	0.56	0.65	0.80	0.92	1.03	1.13
3400 0931 (00080-0563)	IDKS 80-03	60 M	0.57	0.70	0.81	0.99	1.15	1.28	1.40
3400 0932 (00080-0564)	IDKS 80-04	60 M	0.69	0.84	0.97	1.19	1.37	1.53	1.68
3400 0933 (00080-0565)	IDKS 80-05	25 M	0.91	1.12	1.29	1.58	1.82	2.04	2.23
3400 0934 (00080-0566)	IDKS 80-06	25 M	1.14	1.39	1.61	1.97	2.28	2.55	2.79



Aree di applicazione

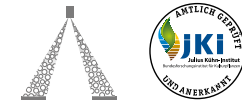


Caratteristiche



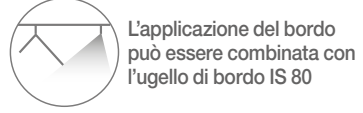
IDTA

Ugello a ventaglio doppio asimmetrico ad iniezione d'aria in ceramica

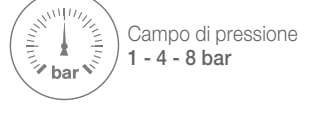


CODICE	 	ISO 25358 		[l/min]	[l/ha] 									
					5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
3400 0948 (00080-05080)	IDTA 120-02 (80 M)	UC	1.0	0.46	110	92	79	69	55	46	39	35	31	
		UC	1.5	0.56	134	112	96	84	67	56	48	42	37	
		UC	2.0	0.65	156	130	111	98	78	65	56	49	43	
		VC	3.0	0.80	192	160	137	120	96	80	69	60	53	
		VC	4.0	0.92	221	184	158	138	110	92	79	69	61	
		VC	5.0	1.03	247	206	177	155	124	103	88	77	69	
		VC	6.0	1.13	271	226	194	170	136	113	97	85	75	
		VC	7.0	1.22	293	244	209	183	146	122	105	92	81	
		VC	8.0	1.30	312	260	223	195	156	130	111	98	87	
		EC	8.0	1.30	312	260	223	195	156	130	111	98	87	
3400 0949 (00080-05081)	IDTA 120-025 (60 M)	UC	1.0	0.57	137	114	98	86	68	57	49	43	38	
		UC	1.5	0.70	168	140	120	105	84	70	60	53	47	
		UC	2.0	0.81	194	162	139	122	97	81	69	61	54	
		EC	3.0	0.99	238	198	170	149	119	99	85	74	66	
		VC	4.0	1.15	276	230	197	173	138	115	99	86	77	
		VC	5.0	1.28	307	256	219	192	154	128	110	96	85	
		VC	6.0	1.40	336	280	240	210	168	140	120	105	93	
		VC	7.0	1.52	365	304	261	228	182	152	130	114	101	
		VC	8.0	1.62	389	324	278	243	194	162	139	122	108	
		EC	8.0	1.62	389	324	278	243	194	162	139	122	108	
3400 0950 (00080-05082)	IDTA 120-03 (60 M)	UC	1.0	0.69	166	138	118	104	83	69	59	52	46	
		UC	1.5	0.84	202	168	144	126	101	84	72	63	56	
		EC	2.0	0.97	233	194	166	146	116	97	83	73	65	
		VC	3.0	1.19	286	238	204	179	143	119	102	89	79	
		VC	4.0	1.37	329	274	235	206	164	137	117	103	91	
		VC	5.0	1.53	367	306	262	230	184	153	131	115	102	
		VC	6.0	1.68	403	336	288	252	202	168	144	126	112	
		VC	7.0	1.81	434	362	310	272	217	181	155	136	121	
		VC	8.0	1.94	466	388	333	291	233	194	166	146	129	
		EC	8.0	1.94	466	388	333	291	233	194	166	146	129	
3400 0951 (00080-05083)	IDTA 120-04 (60 M)	UC	1.0	0.91	218	182	156	137	109	91	78	68	61	
		UC	1.5	1.12	269	224	192	168	134	112	96	84	75	
		EC	2.0	1.29	310	258	221	194	155	129	111	97	86	
		VC	3.0	1.58	379	316	271	237	190	158	135	119	105	
		VC	4.0	1.82	437	364	312	273	218	182	156	137	121	
		VC	5.0	2.04	490	408	350	306	245	204	175	153	136	
		VC	6.0	2.23	535	446	382	335	268	223	191	167	149	
		VC	7.0	2.41	578	482	413	362	289	241	207	181	161	
		C	8.0	2.58	619	516	442	387	310	258	221	194	172	
		EC	8.0	2.58	619	516	442	387	310	258	221	194	172	
3400 0952 (00080-05084)	IDTA 120-05 (60 M)	UC	1.0	1.14	274	228	195	171	137	114	98	86	76	
		UC	1.5	1.39	334	278	238	209	167	139	119	104	93	
		EC	2.0	1.61	386	322	276	242	193	161	138	121	107	
		VC	3.0	1.97	473	394	338	296	236	197	169	148	131	
		VC	4.0	2.28	547	456	391	342	274	228	195	171	152	
		VC	5.0	2.55	612	510	437	383	306	255	219	191	170	
		VC	6.0	2.79	670	558	478	419	335	279	239	209	186	
		C	7.0	3.01	722	602	516	452	361	301	258	226	201	
		C	8.0	3.22	773	644	552	483	386	322	276	242	215	
		EC	8.0	3.22	773	644	552	483	386	322	276	242	215	
3400 0953 (00080-05085)	IDTA 120-06 (60 M)	UC	1.0	1.36	326	272	233	204	163	136	117	102	91	
		UC	1.5	1.67	401	334	286	251	200	167	143	125	111	
		EC	2.0	1.93	463	386	331	290	232	193	165	145	129	
		VC	3.0	2.36	566	472	405	354	283	236	202	177	157	
		VC	4.0	2.73	655	546	468	410	328	273	234	205	182	
		VC	5.0	3.05	732	610	523	458	366	305	261	229	203	
		VC	6.0	3.34	802	668	573	501	401	334	286	251	223	
		C	7.0	3.61	866	722	619	542	433	361	309	271	241	
		C	8.0	3.86	926	772	662	579	463	386	331	290	257	
		EC	8.0	3.86	926	772	662	579	463	386	331	290	257	
3400 0954 (00080-05086)	IDTA 120-08 (60 M)	UC	1.0	1.82	437	364	312	273	218	182	156	137	121	
		UC	1.5	2.23	535	446	382	335	268	223	191	167	149	
		EC	2.0	2.58	619	516	442	387	310	258	221	194	172	
		VC	3.0	3.16	758	632	542	474	379	316	271	237	211	
		VC	4.0	3.65	876	730	626	548	438	365	313	274	243	
		VC	5.0	4.08	979	816	699	612	490	408	350	306	272	
		VC	6.0	4.47	1,073	894	766	671	536	447	383	335	298	
		C	7.0	4.83	1,159	966	828	725	580	483	414	362	322	
		C	8.0	5.16	1,238	1,032	885	774	619	516	442	387	344	
		EC	8.0	5.16	1,238	1,032	885	774	619	516	442	387	344	

Aree di applicazione



Caratteristiche





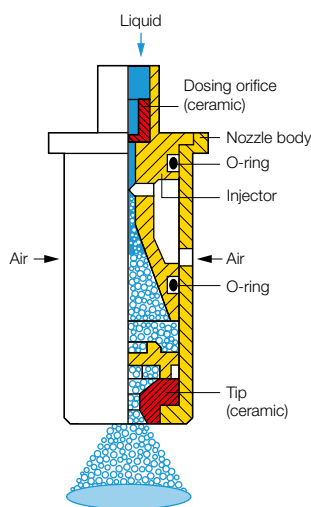
ITR-80

Ugello a cono cavo ad iniezione d'aria in ceramica

CODICE			[l/min]																	
																				
			3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	19.0	20.0	
3400 0955 (00080-05087)	ITR 80-01	60 M	0.39	0.45	0.51	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.82	0.85	0.88	0.91	0.93	0.99	1.01	
3400 0956 (00080-05088)	ITR 80-015	60 M	0.59	0.68	0.76	0.83	0.90	0.96	1.02	1.07	1.13	1.18	1.22	1.27	1.31	1.36	1.40	1.48	1.52	
3400 0957 (00080-05089)	ITR 80-02	60 M	0.80	0.92	1.03	1.13	1.22	1.30	1.38	1.45	1.53	1.60	1.67	1.73	1.79	1.85	1.90	2.01	2.07	



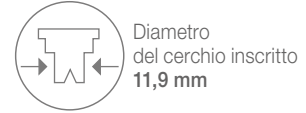
L'iniettore può essere rimosso senza attrezzi



Aree di applicazione

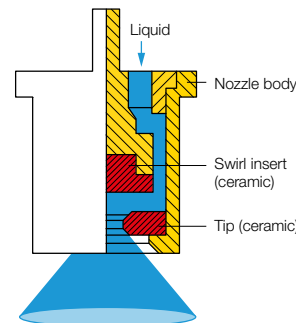


Caratteristiche

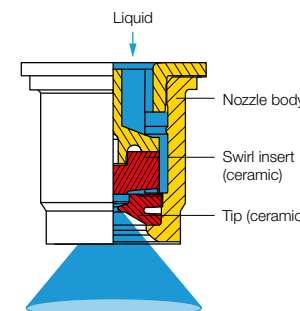


TR-80 / TR-60

Ugelli a cono cavo in ceramica



TR 80



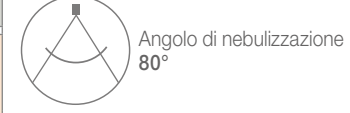
TR 60

CODICE			[l/min]																			
																						
				2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	19.0	20.0	
3400 0958 (00080-05090)	TR 60-005 80-005	60 M	0.16	0.20	0.23	0.25	0.28	0.30	0.32	0.34	0.36	0.38	0.39	0.41	0.42	0.44	0.45	0.47	0.49	0.51		
3400 0966 (00080-05098)																						
3400 0959 (00080-05091)	TR 60-0067 80-0067	60 M	0.22	0.27	0.31	0.35	0.38	0.41	0.44	0.47	0.49	0.52	0.54	0.56	0.58	0.60	0.62	0.64	0.68	0.71		
3400 0967 (00080-05099)																						
3400 0960 (00080-05092)	TR 60-01 80-01	60 M	0.32	0.39	0.45	0.51	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.82	0.85	0.88	0.91	0.93	0.99	1.01		
3400 0968 (00080-05100)																						
3400 0961 (00080-05093)	TR 60-015 80-015	60 M	0.48	0.59	0.68	0.76	0.83	0.90	0.96	1.02	1.07	1.13	1.18	1.22	1.27	1.31	1.36	1.40	1.48	1.51		
3400 0969 (00080-05101)																						
3400 0962 (00080-05094)	TR 60-02 80-02	60 M	0.65	0.80	0.92	1.03	1.13	1.22	1.30	1.38	1.45	1.53	1.60	1.67	1.73	1.79	1.85	1.90	2.01	2.07		
3400 0970 (00080-05102)																						
AVAILABLE 01.03.24	TR 60-025	60 M	0.81	0.99	1.15	1.28	1.40	1.52	1.62	1.71	1.81	1.90	1.98	2.06	2.14	2.21	2.29	2.36	2.49	2.56		
3400 0963 (00080-05095)	TR 60-03 80-03	60 M	0.97	1.19	1.37	1.53	1.68	1.81	1.94	2.06	2.17	2.28	2.38	2.48	2.57	2.66	2.75	2.83	2.99	3.07		
3400 0971 (00080-05103)																						
3400 0964 (00080-05096)	TR 60-04 80-04	60 M	1.29	1.58	1.82	2.04	2.23	2.41	2.58	2.74	2.88	3.03	3.16	3.29	3.41	3.53	3.65	3.76	3.98	4.08		
3400 0972 (00080-05105)																						
3400 0965 (00080-05097)	TR 60-05 80-05	25 M	1.61	1.97	2.28	2.55	2.79	3.01	3.22	3.42	3.60	3.77	3.94	4.10	4.26	4.41	4.55	4.69	4.96	5.09		
3400 0973 (00080-05106)																						

Aree di applicazione



Caratteristiche TR-80



Caratteristiche TR-60





IDK-90-C

Ugello a ventaglio ad iniezione d'aria in ceramica compatto



Aree di applicazione



Protezione delle piante in vigneti, frutteti e colture speciali

Caratteristiche



Dimensione ugello 01-10



Angolo di nebulizzazione 90°



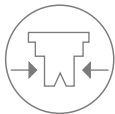
Materiale Ceramica



Campo di pressione
IDK-01 bis - 03: 1,5-3-6 bar,
IDK-04 bis - 10: 1-1,5-3-6 bar
UHL:
IDK-01 bis - 03: 1,5 - 2,5 bar
IDK-04 bis - 10: 1 - 2,5 bar



Filtri raccomandati
80 M 01, 60 M 015 - 04,
25 M 05-10



Diametro del cerchio inscritto 8 mm



Dimensione gocce
Grossolana / media

Classificazione ISO 25358 in base alle dimensioni delle gocce:

- VF Very fine
- F Fine
- M Medium
- C Coarse
- VC Very coarse
- EC Extremely coarse
- UC Ultra coarse



FD

Ugello per fertilizzante liquido



Aree di applicazione

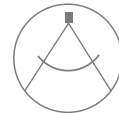


Fertirrigazione

Caratteristiche



Dimensione ugello 02-20



Angolo di nebulizzazione 130°



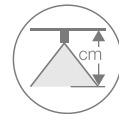
Materiale POM



Campo di pressione 1,5-4 bar



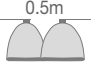
Filtri raccomandati
60 M 02-04,
25 M 05-20



Altezza del braccio 50-70 cm

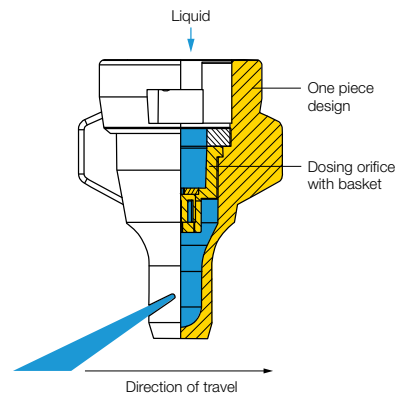


Dimensione gocce
Ultra grossolana

CODICE			[l/min]		UAN [l/ha] 									
			Water	UAN	5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
3400 0855 (00080-04982)		FD 02 (60 M)	1.5	0.57	0.50	121	101	86	76	60	50	43	38	34
			2.0	0.65	0.57	138	115	98	86	69	57	49	43	38
			3.0	0.80	0.71	170	141	121	106	85	71	61	53	47
			4.0	0.92	0.81	195	163	139	122	98	81	70	61	54
3400 0856 (00080-04983)		FD 03 (60 M)	1.5	0.85	0.75	180	150	129	113	90	75	64	56	50
			2.0	0.98	0.87	208	173	148	130	104	87	74	65	58
			3.0	1.20	1.06	255	212	182	159	127	106	91	80	71
			4.0	1.39	1.23	295	246	211	184	147	123	105	92	82
3400 0857 (00080-04984)		FD 04 (60 M)	1.5	1.13	1.00	240	200	171	150	120	100	86	75	67
			2.0	1.31	1.16	278	232	198	174	139	116	99	87	77
			3.0	1.60	1.41	339	283	242	212	170	141	121	106	94
			4.0	1.85	1.64	392	327	280	245	196	164	140	123	109
3400 0858 (00080-04985)		FD 05 (25 M)	1.5	1.41	1.25	299	249	214	187	149	125	107	93	83
			2.0	1.63	1.44	346	288	247	216	173	144	123	108	96
			3.0	2.00	1.77	424	354	303	265	212	177	152	133	118
			4.0	2.31	2.04	490	408	350	306	245	204	175	153	136
3400 0859 (00080-04986)		FD 06 (25 M)	1.5	1.70	1.50	361	301	258	225	180	150	129	113	100
			2.0	1.96	1.73	416	346	297	260	208	173	148	130	115
			3.0	2.40	2.12	509	424	364	318	255	212	182	159	141
			4.0	2.77	2.45	588	490	420	367	294	245	210	184	163
3400 0860 (00080-04987)		FD 08 (25 M)	1.5	2.26	2.00	479	400	342	300	240	200	171	150	133
			2.0	2.61	2.31	554	461	395	346	277	231	198	173	154
			3.0	3.20	2.83	679	566	485	424	339	283	242	212	189
			4.0	3.70	3.27	785	654	561	491	392	327	280	245	218
3400 0861 (00080-04989)		FD 10 (25 M)	1.5	2.83	2.50	600	500	429	375	300	250	214	188	167
			2.0	3.27	2.89	694	578	495	434	347	289	248	217	193
			3.0	4.00	3.54	849	707	606	530	424	354	303	265	236
			4.0	4.62	4.08	980	817	700	613	490	408	350	306	272
3400 0862 (00080-04990)		FD 15 (25 M)	1.5	4.24	3.75	899	750	642	562	450	375	321	281	250
			2.0	4.90	4.33	1,039	866	742	650	520	433	371	325	289
			3.0	6.00	5.30	1,273	1,061	909	795	636	530	455	398	354
			4.0	6.93	6.13	1,470	1,225	1,050	919	735	613	525	459	408
3400 0863 (00080-04991)		FD 20 (25 M)	1.5	5.66	5.00	1,201	1,001	858	750	600	500	429	375	334
			2.0	6.53	5.77	1,385	1,154	989	866	693	577	495	433	385
			3.0	8.00	7.07	1,697	1,414	1,212	1,061	849	707	606	530	471
			4.0	9.24	8.17	1,960	1,633	1,400	1,225	980	817	700	613	544



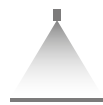
La precamera può essere rimossa senza attrezzi





FS

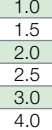
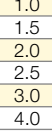
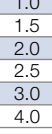
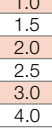
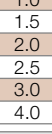
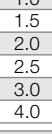
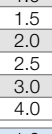
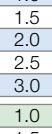
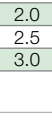
Ugello per fertilizzante liquido



FT140

Ugello a specchio



CODICE			[l/min]			UAN [l/ha]								
			Water	UAN	5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h	
3400 0864 (00080-04992)		FS 015 (25 M)	1.0	0.34	0.30	72	60	51	45	36	30	26	23	20
			1.5	0.42	0.37	89	74	63	55	44	37	32	28	25
			2.0	0.48	0.42	101	84	72	63	51	42	36	32	28
			2.5	0.54	0.48	114	95	81	71	57	48	41	35	32
			3.0	0.59	0.52	125	104	89	78	62	52	45	39	35
3400 0865 (00080-04993)		FS 02 (25 M)	4.0	0.68	0.60	144	120	103	90	72	60	51	45	40
			1.0	0.46	0.40	97	81	69	61	49	40	35	45	27
			1.5	0.57	0.50	120	100	86	75	60	50	43	56	33
			2.0	0.65	0.57	137	114	98	86	69	57	49	65	38
			2.5	0.73	0.64	154	128	110	96	77	64	55	72	43
3400 0866 (00080-04994)		FS 03 (25 M)	3.0	0.80	0.70	169	141	121	106	84	70	60	53	47
			4.0	0.92	0.81	194	162	139	121	97	81	69	91	54
			1.0	0.69	0.61	146	121	104	91	73	61	52	45	40
			1.5	0.84	0.74	177	148	127	111	89	74	63	56	49
			2.0	0.97	0.85	205	171	146	128	102	85	73	65	57
3400 0867 (00080-04997)		FS 04 (25 M)	2.5	1.09	0.96	230	192	164	144	115	96	82	72	64
			3.0	1.19	1.05	251	209	180	157	126	105	90	79	70
			4.0	1.37	1.21	289	241	207	181	145	121	103	91	80
			1.0	0.91	0.80	192	160	137	120	96	80	69	60	53
			1.5	1.12	0.99	237	197	169	148	118	99	84	74	66
3400 0868 (00080-04995)		FS 05 (25 M)	2.0	1.29	1.14	272	227	195	170	136	114	97	86	76
			2.5	1.44	1.27	304	253	217	190	152	127	109	95	84
			3.0	1.58	1.39	334	278	238	209	167	139	119	104	93
			4.0	1.82	1.60	384	320	275	240	192	160	137	121	107
			1.0	1.14	1.00	241	201	172	150	120	100	86	75	67
3400 0869 (00080-04996)		FS 06 (25 M)	1.5	1.39	1.22	294	245	210	183	147	122	105	92	82
			2.0	1.61	1.42	340	283	243	213	170	142	121	107	94
			2.5	1.80	1.58	380	317	272	238	190	158	136	119	106
			3.0	1.97	1.73	416	347	297	260	208	173	149	130	116
			4.0	2.27	2.00	479	400	342	300	240	200	171	150	133
3400 0870 (00080-04998)		FS 08 (25 M)	1.0	1.36	1.20	287	239	205	180	144	120	103	90	80
			1.5	1.67	1.47	353	294	252	220	176	147	126	110	98
			2.0	1.93	1.70	408	340	291	255	204	170	146	128	113
			2.5	2.15	1.89	454	378	324	284	227	189	162	143	126
			3.0	2.36	2.08	498	415	356	312	249	208	178	156	138
3400 0871 (00080-04999)		FS 10 (25 M)	4.0	2.73	2.40	577	480	412	360	288	240	206	180	160
			1.0	1.82	1.60	384	320	275	240	192	160	137	121	107
			1.5	2.23	1.96	471	392	336	294	235	196	168	148	131
			2.0	2.58	2.27	545	454	389	341	272	227	195	170	151
			2.5	2.88	2.53	608	507	434	380	304	253	217	191	169
3400 0872 (00080-05000)		FS 15 (25 M)	3.0	3.16	2.78	667	556	477	417	334	278	238	209	185
			4.0	3.65	3.21	771	642	551	482	385	321	275	241	214
			1.0	2.27	2.00	479	400	342	300	240	200	171	150	133
			1.5	2.79	2.46	589	491	421	368	295	246	210	184	164
			2.0	3.22	2.83	680	567	486	425	340	283	243	212	189
3400 0873 (00080-05001)		FT 140-01 (80 M)	2.5	3.60	3.17	760	634	543	475	380	317	272	238	211
			3.0	3.94	3.47	832	693	594	520	416	347	297	260	231
			1.0	3.41	3.00	720	600	514	450	360	300	257	225	200
			1.5	4.18	3.68	883	736	631	552	441	368	315	276	245
			2.0	4.83	4.25	1,020	850	729	638	510	425	364	319	283
3400 0874 (00080-05002)		FT 140-015 (60 M)	2.5	5.40	4.75	1,140	950	815	713	570	475	407	356	317
			3.0	5.91	5.20	1,248	1,040	892	780	624	520	446	390	347
			1.0	4.55	4.00	910	750	640	550	440	360	300	260	220
			1.5	4.83	4.25	1,020	850	729	638	510	425	364	319	283
			2.0	5.40	4.75	1,140	950	815	713	570	475	407	356	317
3400 0875 (00080-05003)		FT 140-02 (25 M)	3.0	5.91	5.20	1,248	1,040	892	780	624	520	446	390	347
			1.0	4.55	4.00	910	750	640	550	440	360	300	260	220
			1.5	4.83	4.25	1,020	850	729	638	510	425	364	319	283
			2.0	5.40	4.75	1,140	950	815	713	570	475	407	356	317
			2.5	5.40	4.75	1,140	950	815	713	570	475	407	356	317
3400 0876 (00080-05004)		FT 140-03 (25 M)	3.0	5.91	5.20	1,248	1,040	892	780	624	520	446	390	347
			1.0	4.55	4.00	910	750	640	550	440	360	300	260	220
			1.5	4.83	4.25	1,020	850	729	638	510	425	364	319	283
			2.0	5.40	4.75	1,140	950	815	713	570	475	407	356	317
			2.5	5.40	4.75	1,140	950	815	713	570	475	407	356	317
3400 0877 (00080-05005)		FT 140-04 (25 M)	3.0	5.91	5.20	1,248	1,040	892	780	624	520	446	390	347
			1.0	4.55	4.00	910	750	640	550	440	360	300	260	220
			1.5	4.83	4.25	1,020	850	729	638	510	425	364	319	283
			2.0	5.40	4.75	1,140	950	815	713	570	475	407	356	317
			2.5	5.40	4.75	1,140	950	815	713	570	475	407	356	317
3400 0878 (00080-05006)		FT 140-05 (25 M)	3.0	5.91	5.20	1,248	1,040	892	780	624	520	446	390	347
			1.0	4.55	4.00	910	750	640	550	440	360	300	260	220
			1.5	4.83	4.25	1,020	850	729	638	510	425	364	319	283
			2.0	5.40	4.75	1,140	950	815	713	570	475	407	356	317
			2.5	5.40	4.75	1,140	950	815	713	570	475	407	356	317
3400 0879 (00080-05007)		FT 140-06 (25 M)	3.0	5.91	5.20	1,248	1,040	892	780	624	520	446	390	347
			1.0	4.55	4.00	910	750	640	550	440	360	300	260	220
			1.5	4.83	4.25	1,020	850	729	638	510	425	364	319	283
			2.0	5.40	4.75	1,140	950	815	713	570	475	407	356	317
			2.5	5.40	4.75	1,140	950	815	713	570	475	407	356	317
3400 0880 (00080-05008)		FT 140-08 (25 M)	3.0	5.91	5.20	1,248	1,040	892	780	624	520	446	390	347
			1.0	4.55	4.00	910	750	640	550	440	360	300	260	220
			1.5	4.83	4.25	1,020	850	729	638	510	425	364	319	283
			2.0	5.40	4.75	1,140	950	815	713	570	475	407	356	317
			2.5	5.40	4.75	1,140	950	815	713	570	475	407	356	317
3400 0881 (00080-05009)		FT 140-10 (25 M)	3.0	5.91	5.20	1,248	1,040	892	780	624	520	446	390	347
			1.0	4.55	4.00	910	750	640	550	440	360	300	260	220
			1.5	4.83	4.25	1,020	850	729	638	510	425	364	319	283
			2.0	5.40	4.75	1,140	950	815	713	570	475	407	356	317
			2.5	5.40	4.75	1,140	950	815	713	570	475	407	356	317
3400 0882 (00080-05010)		FT 140-15 (25 M)	3.0	5.91	5.20	1,248	1,040	892	780	624	520	446	390	347
			1.0	4.55	4.00	910	750	640	550	440	360	300	260	220
			1.5	4.83	4.25	1,020	850	729	638	510	425	364	319	283
			2.0	5.40	4.75	1,140	950	815	713	570	475	407	356	317
			2.5	5.40	4.75	1,140	950	815	713	570	475	407	356	317
3400 0883 (00080-05011)		FT 140-20 (25 M)	3.0	5.91	5.20	1,248	1,040	892	780	624	520	446	390	347
			1.0	4.55	4.00	910	750	640	550	440	360	300	260	220
			1.5	4.83	4.25	1,020	850	729	638	510	425	364	319	283
			2.0	5.40	4.75	1,140	950	815	713	570	475	407	356	317
			2.5	5.40	4.75	1,140	950	815	713	570	475	407	356	317
3400 0884 (00080-05012)		FT 140-30 (25 M)	3.0	5.91	5.20	1,248	1,040	892	780					

ID/IDTA/IDK/IDKN/IDKT/DF/LU/AD/ST/SC



	I/min	I/ha 0.5m										
		5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	16.0 km/h	20.0 km/h	25.0 km/h	30.0 km/h	
-01 ID (60 M) IDK LU ST (80 M)	1.5	0.28	67	56	48	42	34	28	21	17	13	
	2.0	0.32	77	64	55	48	38	32	24	19	15	
	2.5	0.36	86	72	62	54	43	36	27	22	17	
	3.0	0.39	94	78	67	59	47	39	29	23	19	
	3.5	0.42	101	84	72	63	50	42	32	25	20	
	4.0	0.45	108	90	77	68	54	45	34	27	22	
	5.0	0.51	122	102	87	77	61	51	38	31	24	
	6.0	0.55	132	110	94	83	66	55	41	33	26	
-015 ID IDK (60 M) IDKT LU AD ST (80 M)	1.5	0.42	101	84	72	63	50	42	32	25	20	
	2.0	0.48	115	96	82	72	58	48	36	29	23	
	2.5	0.54	130	108	93	81	65	54	41	32	26	
	3.0	0.59	142	118	101	89	71	59	44	35	28	
	3.5	0.63	151	126	108	95	76	63	47	38	30	
	4.0	0.68	163	136	117	102	82	68	51	41	33	
	5.0	0.76	182	152	130	114	91	76	57	46	36	
	6.0	0.83	199	166	142	125	100	83	62	50	40	
-02 ID IDK LU/AD ST XDT (60 M) IDKT IDTA DF (80 M)	1.0	0.46	110	92	79	69	55	46	35	28	22	
	1.5	0.56	134	112	96	84	67	56	42	34	27	
	2.0	0.65	156	130	111	98	78	65	49	39	31	
	2.5	0.73	175	146	125	110	88	73	55	44	35	
	3.0	0.80	192	160	137	120	96	80	60	48	38	
	3.5	0.86	206	172	147	129	103	86	65	52	41	
	4.0	0.92	221	184	158	138	110	92	69	55	44	
	5.0	1.03	247	206	177	155	124	103	77	62	49	
-025 ID IDTA IDK IDKT LU SC/ST XDT (60 M)	1.0	0.57	137	114	98	86	68	57	43	34	27	
	1.5	0.70	168	140	120	105	84	70	53	42	34	
	2.0	0.81	194	162	139	122	97	81	61	49	39	
	2.5	0.91	218	182	156	137	109	91	68	55	44	
	3.0	0.99	238	198	170	149	119	99	74	59	48	
	4.0	1.15	276	230	197	173	138	115	86	69	55	
	5.0	1.28	307	256	219	192	154	128	96	77	61	
	6.0	1.40	336	280	240	210	168	140	105	84	67	

	I/min	I/ha 0.5m										
		5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	16.0 km/h	20.0 km/h	25.0 km/h	30.0 km/h	
-03 ID IDTA IDK/IDKN IDKT LU AD/ST SC XDT (60 M) DF (80 M)	1.0	0.69	166	138	118	104	83	69	52	41	33	
	1.5	0.84	202	168	144	126	101	84	63	50	40	
	2.0	0.97	233	194	166	146	116	97	73	58	47	
	2.5	1.08	259	216	185	162	130	108	81	65	52	
	3.0	1.19	286	238	204	179	143	119	89	71	57	
	4.0	1.37	329	274	235	206	164	137	103	82	66	
	5.0	1.53	367	306	262	230	184	153	115	92	73	
	6.0	1.68	403	336	288	252	202	168	126	101	81	
-04 ID IDTA IDK/IDKN IDKT LU AD ST/SC DF XDT (60 M)	1.0	0.91	218	182	156	137	109	91	68	55	44	
	1.5	1.12	269	224	192	168	134	112	84	67	54	
	2.0	1.29	310	258	221	194	155	129	97	77	62	
	2.5	1.44	346	288	247	216	173	144	108	86	69	
	3.0	1.58	379	316	271	237	190	158	119	95	76	
	4.0	1.82	437	364	312	273	218	182	137	109	87	
	5.0	2.04	490	408	350	306	245	204	153	122	98	
	6.0	2.23	535	446	382	335	268	223	167	134	107	
-05 ID IDK LU ST/SC (25 M) IDTA IDKT DF XDT (60 M)	1.0	1.14	274	228	195	171	137	114	86	68	55	
	1.5	1.39	334	278	238	209	167	139	104	83	67	
	2.0	1.61	386	322	276	242	193	161	121	97	77	
	2.5	1.80	432	360	309	270	216	180	135	108	86	
	3.0	1.97	473	394	338	296	236	197	148	118	95	
	4.0	2.28	547	456	391	342	274	228	171	137	109	
	5.0	2.55	612	510	437	383	306	255	191	153	122	
	6.0	2.79	670	558	478	419	335	279	209	167	134	
-06 ID IDK LU ST (25 M) IDTA IDKT DF (60 M)	1.0	1.36	326	272	233	204	163	136	102	82	65	
	1.5	1.67	401	334	286	251	200	167	125	100	80	
	2.0	1.93	463	386	331	290	232	193	145	116	93	
	2.5	2.16	518	432	370	324	259	216	162	130	104	
	3.0	2.36	566	472	405	354	283	236	177	142	113	
	4.0	2.73	655	546	468	410	328	273	205	164	131	
	5.0	3.05	732	610	523	458	366	305	229	183	146	
	6.0	3.34	802	668	573	501	401	334	251	200	160	
-08 ID/LU/ST IDK (25 M) IDTA IDKT (60 M)	7.0	3.61	866	722	619	542	433	361	271	217	173	
	8.0	3.86	926	772	662	579	463	386	290	232	185	
-10 ID/IDK IDKT (25 M)												

ID 01-015: 3.0 - 4.0 - 8.0 bar
ID 02-10: 2.0 - 4.0 - 8.0 bar
IDTA 02-08: 1.0 - 4.0 - 8.0 bar
IDK 01-03: 1.5 - 3.0 - 6.0 bar
IDK 04-10: 1.0 - 3.0 - 6.0 bar
IDKN 03-04: 1.0 - 3.0 - 6.0 bar
IDKT 015-025: 1.5 - 3.0 - 6.0 bar
IDKT 03-06: 1.0 - 3.0 - 6.0 bar
LU: 1.5 - 2.5 - 5.0 bar
AD: 1.5 - 3.0 - 6.0 bar
ST/SC/DF: 2.0 - 3.0 - 5.0 bar

ID
IDTA
IDK/IDKN
IDKT
LU
AD
ST/SC
DF

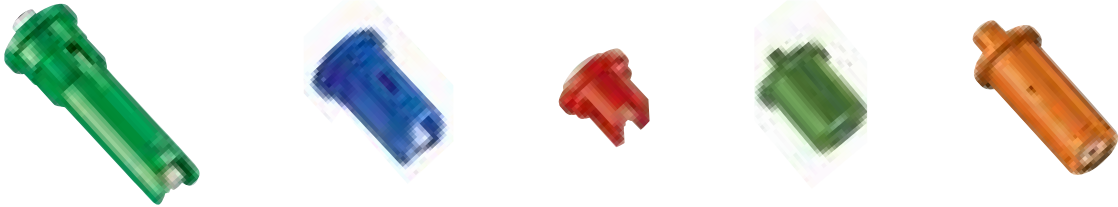
ISO droplet size:

230 I/ha
8 km/h
230 I/ha x 0.5 m x 8.0 km/h = 1.53 I/min
600
→ ID-120-03 (5.0 bar)

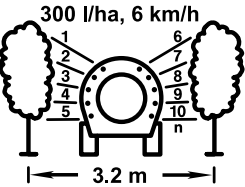
60 sec. = 6.0 km/h
 45 sec. = 8.0 km/h
 36 sec. = 10.0 km/h

2 x I/ha **= I/ha**

ID /IDK /AD / TR / ITR



Colori Albuz / ATR	ID/IDK/AD	TR/ITR		l/min																	
																					
	ISO 10625			2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	19.0	20.0
	TR 80-005		60 M	0.16	0.20	0.23	0.25	0.28	0.30	0.32	0.34	0.36	0.38	0.39	0.41	0.42	0.44	0.45	0.47	0.49	0.51
	IDK 90-0067 TR 80-0067		60 M	0.22	0.27	0.31	0.35	0.38	0.41	0.44	0.47	0.49	0.52	0.54	0.56	0.58	0.60	0.62	0.64	0.68	0.70
	ID/IDK/AD 90-01 TR/ITR 80-01		60 M	0.32	0.39	0.45	0.51	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.82	0.85	0.88	0.91	0.93	0.99	1.01
	ID/IDK/AD 90-015 TR/ITR 80-015		60 M	0.48	0.59	0.68	0.76	0.83	0.90	0.96	1.02	1.07	1.13	1.18	1.22	1.27	1.31	1.36	1.40	1.48	1.52
	ID/IDK/AD 90-02 TR/ITR 80-02		60 M	0.65	0.80	0.92	1.03	1.13	1.22	1.30	1.38	1.45	1.53	1.60	1.67	1.73	1.79	1.85	1.90	2.01	2.07
	ID/IDK 90-025		60 M	0.81	0.99	1.15	1.28	1.40	1.52	1.62	1.71	1.81	1.90	1.98	2.06	2.14	2.21	2.29	2.36	2.49	2.56
	ID/IDK/AD 90-03 TR 80-03		60 M	0.97	1.19	1.37	1.53	1.68	1.81	1.94	2.06	2.17	2.28	2.38	2.48	2.57	2.66	2.75	2.83	2.99	3.07
	ID/AD 90-04 TR 80-04		60 M	1.29	1.58	1.82	2.04	2.23	2.41	2.58	2.74	2.88	3.03	3.16	3.29	3.41	3.53	3.65	3.76	3.98	4.08
	ID 90-05 TR 80-05		25 M	1.61	1.97	2.28	2.55	2.79	3.01	3.22	3.42	3.60	3.77	3.94	4.10	4.26	4.41	4.55	4.69	4.96	5.09
	ID 90-06		25 M	1.93	2.36	2.73	3.05	3.34	3.61	3.86	4.09	4.32	4.52	4.72	4.91	5.10	5.28	5.45	5.62	5.94	6.09



$$\frac{300 \text{ (l/ha)} \times 6.0 \text{ (km/h)} \times 3.2 \text{ (m)}}{10 \text{ (n)} \times 600} = 0.96 \text{ l/min}$$

→ ...-015 (8.0 bar)



ID/TR: 8-15 bar
IDK/AD: 2-15 bar
ITR: > 15 bar



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