

ISO



ORCHARD VINEYARD

catalog 2020

ALBUZ



# ATF 60°/80° Full cone nozzle

## MAIN CHARACTERISTICS

- > Angle of 80 degree at 70 psi.
- > Full cone nozzle producing fine droplets.
- > Albus durable pink ceramic allows high pressure spraying while maintaining nozzle performance and precision.

## SPECIFIC CHARACTERISTICS

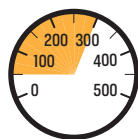
- > Flow rate characteristics, color code meet international ISO standards.
- > Use 100 mesh nozzle filters for models 80 015 and 80 02.
- > Can be used on a boom sprayer (spacing nozzle between 14 and 20 inches)
- > **Recommended pressure on boom sprayers: 40 - 80 psi.**
- > **Recommended pressure for airblast sprayers: 150 - 250 psi.**
- > Information about droplet size (see page 5)

FLOW RATE CHART (Gpm)

Color	ISO Code	Mesh	Pressure (psi)	Droplet Size	gpm	Gallons / acre - Nozzle spacing: 20 inches							
						7 mph	8 mph	9 mph	10 mph	12 mph	14 mph	18 mph	22 mph
GREEN	ATF 80 015	100	40	F	0.15	6.4	5.6	5.0	4.5	3.7	3.2	2.5	2
			50	F	0.16	7.1	6.2	5.5	5.0	4.1	3.5	2.8	2.3
			60	F	0.18	7.7	6.8	6.0	5.4	4.5	3.9	3	2.5
YELLOW	ATF 80 02	100	40	M	0.20	8.5	7.4	6.6	5.9	5.0	4.2	3.3	2.7
			50	F	0.22	9.5	8.3	7.4	6.6	5.5	4.7	3.7	3
			60	F	0.24	10.3	9.0	8.0	7.2	6.0	5.2	4	3.3
PURPLE	ATF 80 025	50	40	M	0.05	10.6	9.3	8.3	7.4	6.2	5.3	4.1	3.4
			50	F	0.27	11.8	10.3	9.2	8.3	6.9	5.9	4.6	3.8
			60	F	0.30	12.9	11.3	10.0	9.0	7.5	6.4	5	4.1
BLUE	ATF 80 03	50	40	M	0.30	12.7	11.1	9.9	8.9	7.4	6.4	5	4.1
			50	F	0.33	14.2	12.4	11.0	9.9	8.3	7.1	5.5	4.5
			60	F	0.36	15.4	13.5	12.0	10.8	9.0	7.7	6	4.9
RED	ATF 80 04	50	40	M	0.40	17.0	14.9	13.2	11.9	9.9	8.5	6.6	5.4
			50	F	0.44	18.9	16.5	14.7	13.2	11.0	9.4	7.3	6
			60	F	0.48	20.6	18.0	16.0	14.4	12.0	10.3	8	6.6
BROWN	ATF 80 05	50	40	M	0.40	21.2	18.6	16.5	14.9	12.4	10.6	8.3	6.8
			50	F	0.55	23.6	20.7	18.4	16.5	13.8	11.8	9.2	7.5
			60	F	0.60	25.8	22.5	20.0	18.0	15.0	12.9	10	8.2

## APPLICATIONS

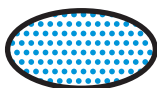
For fungicides and insecticides. Recommended for orchard and vineyards. Recommended to work on a dense canopy.



40-300 psi



60°/80°



psi	gpm					
	GREEN 80-015	YELLOW 80-02	PURPLE 80-025	BLUE 80-03	RED 80-04	BROWN 80-05
40	0.15	0.2	0.25	0.3	0.4	0.5
50	0.167	0.223	0.278	0.334	0.445	0.557
60	0.182	0.243	0.304	0.364	0.486	0.607
70	0.196	0.262	0.327	0.392	0.523	0.654
80	0.209	0.279	0.349	0.418	0.558	0.697
90	0.221	0.3	0.369	0.44	0.590	0.738
100	0.233	0.310	0.388	0.466	0.621	0.776
110	0.244	0.325	0.406	0.488	0.650	0.813
130	0.26	0.352	0.440	0.528	0.704	0.88
160	0.3	0.4	0.5	0.6	0.778	0.973
180	0.309	0.412	0.515	0.618	0.823	1.029
200	0.325	0.433	0.541	0.650	0.866	1.083
220	0.340	0.453	0.567	0.680	0.907	1.133
230	0.347	0.463	0.579	0.695	0.926	1.158
240	0.354	0.47	0.591	0.709	0.945	1.182
250	0.362	0.48	0.603	0.723	0.964	1.205
260	0.368	0.49	0.614	0.737	0.982	1.228
270	0.375	0.50	0.625	0.750	1.000	1.25
280	0.382	0.509	0.636	0.763	1.018	1.272
290	0.388	0.518	0.647	0.776	1.035	1.294
300	0.395	0.526	0.658	0.789	1.052	1.315