

## FULL-SIZE ONION COMPARISON CHART



Day Length Adaptation	Color	Variety Name	Size Class Potential <sup>1</sup>	Average Shape	Approximate Latitude Adaptation <sup>2</sup>	Days to Maturity from Transplant	Storage Potential (Months)	Disease Resistance Codes <sup>3</sup>
LONG	Red	Rossa di Milano	Medium to Large	Flattened Grano	38°–50°	100	6+	—
		Barolo (F1)	Large to Jumbo	Globe	38°–55°	110	6	—
		Blush (F1)	Jumbo	Blocky Globe	38°–55°	115	6	—
		Red Carpet (F1)	Medium to Large	Globe	40°–45°	115	6+	—
		Redwing (F1)	Medium to Large	Globe	43°–65°	118	6+	—
	Yellow	Bridger (F1)	Medium to Large	Flattened Globe	35°–50°	90/270	3	—
		New York Early	Medium to Large	Blocky Globe	38°–50°	98	3	—
		Frontier	Medium to Large	Blocky Globe	40°–50°	100	6+	IR: BO, DM, FBR
		Patterson (F1)	Medium to Large	Globe to Blocky Globe	38°–55°	104	6+	—
		Powell (F1)	Medium to Large	Globe	43°–47°	108	6+	IR: DM
		Talon (F1)	Medium to Large	Globe	42°–50°	104	6+	IR: PR
		Yankee (F1)	Medium to Large	Globe	43°–47°	108	6+	HR: DM; IR: PR
		Ailsa Craig	Large to Colossal	Globe to Elongated Globe	38°–60°	110	< 3	—
		Walla Walla Sweet	Large to Colossal	Globe to Elongated Globe	35°–55°	125/300	< 3	—
INTERMEDIATE	Red	Red Long of Florence	Medium	Elongated Globe	38°–50°	90	6+	—
		Red Long of Tropea	Medium	Elongated Globe	35°–48°	90	1	—
		Cabernet (F1)	Large	Globe to Slightly Flattened Globe	35°–45°	100	4–6	—
		Monastrell (F1)	Large to Colossal	Globe to Slightly Flattened Globe	35°–46°	106	3–5	—
	Yellow	Expression (F1)	Large to Colossal	Globe to Slightly Flattened Globe	32°–45°	105	3–4	HR: PR; IR: FBR
		Calibra (F1)	Large	Globe	35°–45°	110	6+	—
		Candy (F1)	Large	Slightly Flattened Globe	33°–40°	110/290	1	—
		Elsye (F1)	Large to Colossal	Globe	32°–45°	105	3–4	IR: PR
		Scout (F1)	Jumbo to Colossal	Globe to Slightly Grano	32°–46°	107	3–4	HR: FBR, PR
	White	Sierra Blanca (F1)	Large to Colossal	Globe	32°–45°	109	1	IR: PR
SHORT	Red	Red Rock	Jumbo	Globe	30°–36°	165	3	IR: FBR, PR
		Madalyn (F1)	Jumbo	Globe to Elongated Globe	20°–35°	150 days fall sown	2–3	—
	Yellow	Gabriella (F1)	Jumbo	Globe	20°–35°	155–160 days fall sown	2–3	—
		White	White Castle (F1)	Large	Globe	30°–38°	160 days fall sown	3–4



<sup>1</sup> Size Classes (average bulb diameter, in inches): Medium: 2-3.25; Large/Jumbo: >3; Colossal: >3.75.

<sup>2</sup> Day length adaptation of onion varieties falls on a continuum, with some overlap rather than distinct boundaries. For example, some long-day varieties may form bulbs farther south than others, and some intermediate-day varieties may form bulbs farther north than others. Additional environmental factors, such as heat and soil moisture, can affect onion bulbing, so even a properly selected variety needs good conditions for success. Large, healthy tops lead to optimum bulbs, so it is also important to give the onion plant enough time to size up prior to bulbing, which can often be achieved by varying planting dates and using transplants instead of, or in addition to, direct-seeding in short season areas. Many of Johnny's onion varieties are available as field-grown plants that are ready for transplanting.

<sup>3</sup> Disease Resistance Codes: BO: Botrytis (*Botrytis allii*); DM: Downy Mildew (*Peronospora destructor*); PR: Pink Root (*Pyrenochaeta terrestris*); FBR: Fusarium Basal Rot (*Fusarium oxysporum f. sp. cepae*)