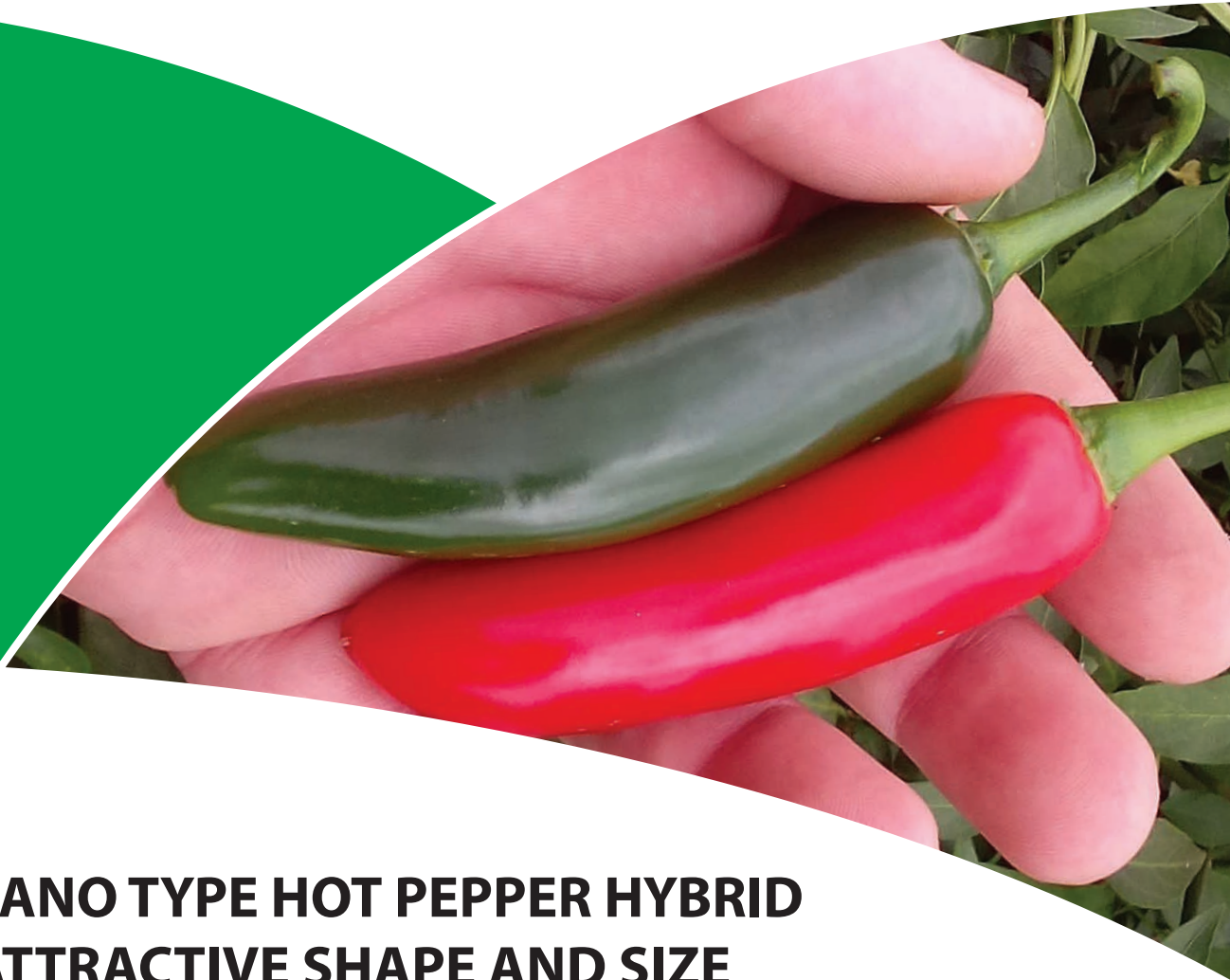




**STARKE
AYRES®**

**CARITAS
HOT PEPPER**



**A SERRANO TYPE HOT PEPPER HYBRID
WITH ATTRACTIVE SHAPE AND SIZE**

- STRONG UPRIGHT BUSH TYPE PLANT
- NOT PRONE TO FRUIT CRACKING
- LARGE ATTRACTIVE FRUITS
- DARK GREEN PODS WITH THICK FRUIT WALLS
- EXCELLENT FLAVOUR AND TASTE.

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SEEDS OF SUCCESS

CARITAS

HOT PEPPER



Type	Hot pepper hybrid in the Serrano type class for the fresh market																																				
Maturity	CARITAS is early maturing, approximately 75-80 days to first pick after transplanting in summer. The period to first pick can vary considerably between warm and cool season plantings.																																				
Plant Characteristics	CARITAS is a strong, vigorous, thick stemmed and productive plant that produces over an extended Period. Some plant support (stakes) might be necessary.																																				
Fruit Characteristics	CARITAS has glossy, medium green fruit turning red when fully matured. The fruit pick with the stalk or pedicel attached, and has very thick fruit walls. CARITAS is classed as a Serrano type with medium pungency levels. Fruit size will vary between 10 - 13 cm in length x 18-25mm in diameter at the crown. Pods weight between 20-25 grams. Wall thickness will vary between 4-6 mm.																																				
Plant Population	A plant population of 25 000 - 35 000 plants per hectare is optimal. A "tramline" (double-row per bed) system, with a walkway of 1 m between every second row is advisable. Plants should have a 500 mm in-row and 600 mm between-row spacing.																																				
Growing Guidelines	<p>The following program can be used as a nutrient guideline: (please note that a soil analysis should be taken into account)</p> <p>Total Requirement kg/ha: (pure element)</p> <table border="1"> <thead> <tr> <th>DEVELOPMENT STAGE</th> <th>N</th> <th>P</th> <th>K</th> <th>Ca</th> <th>Mg</th> </tr> </thead> <tbody> <tr> <td>Before/at Planting</td> <td>30 - 50</td> <td>80 - 120</td> <td>100 - 150</td> <td>20</td> <td>15</td> </tr> <tr> <td>Week 2 - 3 (Growth)</td> <td>50</td> <td>-</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>Week 4 - 9 (Flower/set)</td> <td>100</td> <td>-</td> <td>75 - 100</td> <td>30 - 40</td> <td>25</td> </tr> <tr> <td>Week 10 - 15 (Harvest)</td> <td>20 - 50</td> <td>-</td> <td>75 - 100</td> <td>40 - 50</td> <td>25</td> </tr> <tr> <td>Total:</td> <td>200 - 250</td> <td>80 - 120</td> <td>250 - 350</td> <td>80 - 110</td> <td>50 - 60</td> </tr> </tbody> </table>	DEVELOPMENT STAGE	N	P	K	Ca	Mg	Before/at Planting	30 - 50	80 - 120	100 - 150	20	15	Week 2 - 3 (Growth)	50	-	-			Week 4 - 9 (Flower/set)	100	-	75 - 100	30 - 40	25	Week 10 - 15 (Harvest)	20 - 50	-	75 - 100	40 - 50	25	Total:	200 - 250	80 - 120	250 - 350	80 - 110	50 - 60
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Disease Resistance	A general good field tolerance to leaf diseases could be expected.																																				
Climate Requirements	Hot peppers are frost susceptible and can be grown under a certain range of climatic conditions. These conditions can vary from moderate, cool climates to hotter, subtropical regions. It is important to note that even distribution of heat units is a key requirement for optimal production.																																				
Features and Benefits	CARITAS offers the hot pepper grower the opportunity to supply the market with consumer acceptable chilli's of the highest quality. The variety stands out on fruit size helping with the easiness of picking. The variety is highly sought after in markets because of its attractive shape, size and colour.																																				

INDEMNITY

All technical advice and/or production guidelines given by STARKE AYRES or any of its personnel with reference to the use of its products, is based on the company's best judgement. However, it must be expressly understood that STARKE AYRES does not assume responsibility for any advice given or for the results obtained.

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